# Мониторинг, управление и защита электропитания

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# Cable Drop Compensation

| Parts | Description | Product Lifecycle | Number of Supplies typ | Vin min | Vin max | Power Management Features | Isupply typ | Comments |
|---|---|---|---|---|---|---|---|---|
| **LT8698S** | 5V 3A Output, 42V Input USB Charger with Cable Drop Compensation and Dataline Protection | RECOMMENDED FOR NEW DESIGNS | 1 | 7 | 42 | Adjustable Switching Frequency, Cable Drop Compensation, Differential Remote Sense, Enable Input, Fixed Output, Forced Continuous Mode (FCM/FPWM), Low EMI, Output Current Limit, Output Short Circuit Protection, Reverse Input Protection, Shutdown, Silent Switcher 2 Architecture, Soft Start, Spread Spectrum, Thermal Shutdown, USB On-The-Go | 2.5m | 5V 3A Output, 42V Input USB Charger with Cable Drop Compensation and Dataline Protection |
| **LT3091** | –36V, 1.5A Negative Linear Regulator with Programmable Current Limit | RECOMMENDED FOR NEW DESIGNS | 1 | -36 | -1.5 | Cable Drop Compensation, Current Source Reference, Output Current Monitor, Shutdown | 1.2m | –36V, 1.5A Negative Linear Regulator with Programmable Current Limit |
| **LT3697** | USB 5V, 2.5A Output, 35V Input Buck with Cable Drop Compensation | PRODUCTION | 1 | 5 | 35 | Adjustable Switching Frequency, Burst Mode, Cable Drop Compensation, External Synchronization | 300µ | USB 5V, 2.5A Output, 35V Input Buck with Cable Drop Compensation |
| **LT3086** | 40V, 2.1A Low Dropout Adjustable Linear Regulator with Monitoring and Cable Drop Compensation | RECOMMENDED FOR NEW DESIGNS | 1 | 1.4 | 40 | Cable Drop Compensation, Current Source Reference, Output Current Monitor, Power Good, Shutdown, Temperature Monitor | 1.2m | 40V, 2.1A Low Dropout Adjustable Linear Regulator with Monitoring and Cable Drop Compensation |
| **LT3090** | –36V, 600mA Negative Linear Regulator with Programmable Current Limit | RECOMMENDED FOR NEW DESIGNS | 1 | -36 | -1.5 | Cable Drop Compensation, Current Source Reference, Output Current Monitor, Shutdown | 1m | –36V, 600mA Negative Linear Regulator with Programmable Current Limit |
| **LT8697** | USB 5V 2.5A Output, 42V Input Synchronous Buck with Cable Drop Compensation | RECOMMENDED FOR NEW DESIGNS | 1 | 5 | 42 | Adjustable Switching Frequency, Cable Drop Compensation, Enable Input, External Synchronization, Forced Continuous Mode (FCM/FPWM), Output Current Limit, Output Current Monitor, Shutdown, Soft Start, Thermal Shutdown, Tracking | 9m | USB 5V 2.5A Output, Cable Drop Compensation |
| **LT3081** | 1.5A Single Resistor Rugged Linear Regulator with Monitors | RECOMMENDED FOR NEW DESIGNS | 1 | 1.2 | 36 | Cable Drop Compensation, Current Source Reference, Output Current Monitor, Temperature Monitor | 1.1m | 1.5A Single Resistor Rugged Linear Regulator with Monitors |
| **LT6110** | Cable/Wire Drop Compensator | RECOMMENDED FOR NEW DESIGNS | 1 | 2 | 50 | Cable Drop Compensation | 16µ | Cable/Wire Drop Compensator |

| | Description | Product Lifecycle | Number of Supplies typ | Vin min | Vin max | Power Management Features | Isupply typ | Comments |
|---|---|---|---|---|---|---|---|---|
| **LT4180** | Virtual Remote Sense Controller | PRODUCTION | 1 | 3.1 | 50 | Virtual Remote Sense | 1m | Virtual Remote Sense Controller |

# Current Limit Switches

| Parts | Description | Product Lifecycle | Current Limit min | Current Limit max | # Power Switches | # Data Switches | USB | Fault Indicator | Current Limit Accuracy | Current Limit Set By | Lowest Adj. Setting | RON typ | VSUPPLY min | VSUPPLY max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX20333** | Adjustable Current-Limit Switch with Low Power Mode | RECOMMENDED FOR NEW DESIGNS | 200 | 5500 | 1 | - | Yes | Yes | 7 | Resistor | 0.2 | 2.3E-2 | 3.5 | 22 |
| **MAX16972** | 3A Automotive Hi-Speed USB Protectors with Apple iPhone/iPad and USB 2.0 Charge Detection | PRODUCTION | 500 | 3000 | 1 | 1 | Yes | Yes | 5 | Pin Select | - | 3.1E-2 | 4.75 | 5.5 |
| **MAX16972A** | 3A Automotive Hi-Speed USB Protectors with Apple iPhone/iPad and USB 2.0 Charge Detection | PRODUCTION | 500 | 3000 | 1 | 1 | Yes | Yes | 5 | Pin Select | - | 3.1E-2 | 4.75 | 5.5 |
| **MAX20313** | 500mA to 6A Adjustable Current-Limit Switches | RECOMMENDED FOR NEW DESIGNS | 500 | 6000 | 1 | - | Yes | Yes | - | Resistor | 0.5 | 0.01 | 2.5 | 5.5 |
| **MAX20314** | 500mA to 6A Adjustable Current-Limit Switches | PRODUCTION | 500 | 6000 | 1 | - | Yes | Yes | - | Resistor | 0.5 | 0.01 | 2.5 | 5.5 |
| **MAX20315** | 500mA to 6A Adjustable Current-Limit Switches | RECOMMENDED FOR NEW DESIGNS | 500 | 6000 | 1 | - | Yes | Yes | - | Resistor | 0.5 | 0.01 | 2.5 | 5.5 |
| **MAX20316** | 500mA to 6A Adjustable Current-Limit Switches | RECOMMENDED FOR NEW DESIGNS | 500 | 6000 | 1 | - | Yes | Yes | - | Resistor | 0.5 | 0.01 | 2.5 | 5.5 |
| **MAX20046** | Automotive Hi-Speed USB 2.0 Protector | PRODUCTION | 23 | 120 | 1 | - | Yes | Yes | 12.5 | Pin Select, Preset | 0.23 | 0.27 | 4.75 | 5.5 |
| **MAX20042F** | Automotive Hi-Speed USB 2.0 Protectors | PRODUCTION | 650 | 650 | 1 | - | Yes | Yes | 12.5 | Preset | 0.65 | 5.0999999999999997E-2 | 4.75 | 5.5 |
| **MAX20043F** | Automotive Hi-Speed USB 2.0 Protectors | PRODUCTION | 1000 | 1000 | 1 | - | Yes | Yes | 12.5 | Preset | 0.65 | 5.0999999999999997E-2 | 4.75 | 5.5 |
| **MAX20044F** | Automotive Hi-Speed USB 2.0 Protectors | PRODUCTION | 1300 | 1300 | 1 | - | Yes | Yes | 12.5 | Preset | 0.65 | 5.0999999999999997E-2 | 4.75 | 5.5 |
| **MAX14575A** | 250mA to 2.5A Adjustable Current-Limit Switches | PRODUCTION | 250 | 2500 | 1 | - | Yes | Yes | 10 | Resistor | 0.25 | 3.2000000000000001E-2 | 2.3 | 5.5 |

| | Description | Product Lifecycle | Current Limit min | Current Limit max | # Power Switches | # Data Switches | USB | Fault Indicator | Current Limit Accuracy | Current Limit Set By | Lowest Adj. Setting | RON typ | VSUPPLY min | VSUPPLY max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX14575AL** | 250mA to 2.5A Adjustable Current-Limit Switches | PRODUCTION | 250 | 2500 | 1 | - | Yes | Yes | 10 | Resistor | 0.25 | 3.2000000000000001E-2 | 2.3 | 5.5 |
| **MAX14575B** | 250mA to 2.5A Adjustable Current-Limit Switches | PRODUCTION | 250 | 2500 | 1 | - | Yes | Yes | 10 | Resistor | 0.25 | 3.2000000000000001E-2 | 2.3 | 5.5 |
| **MAX14575C** | 250mA to 2.5A Adjustable Current-Limit Switches | PRODUCTION | 250 | 2500 | 1 | - | Yes | Yes | 10 | Resistor | 0.25 | 3.2000000000000001E-2 | 2.3 | 5.5 |
| **MAX14626** | High-Voltage Reverse-Input-Capable 4–20mA Current Loop Protector | PRODUCTION | 30 | 30 | 1 | - | - | No | 10 | Preset | 0.03 | 25 | 2.3 | 40 |
| **MAX16948** | Automotive Dual Remote Antenna Current-Sense LDO/Switch | PRODUCTION | - | 300 | 2 | - | - | Yes | 10 | Resistor | - | 1.45 | 4.5 | 28 |
| **MAX16946** | Remote Antenna, Current-Sense and LDO/Switches | PRODUCTION | 300 | 500 | 1 | - | - | Yes | - | Resistor | 0.3 | - | 4.5 | 18 |
| **MAX14523A** | 250mA to 1.5A, Adjustable Current-Limit Switches | PRODUCTION | 250 | 1500 | 1 | - | Yes | Yes | 10 | Resistor | 0.25 | .07 | 1.7 | 5.5 |
| **MAX14523AL** | 250mA to 1.5A, Adjustable Current-Limit Switches | PRODUCTION | - | - | - | - | Yes | Yes | - | Resistor | 0.25 | .07 | 1.7 | 5.5 |
| **MAX14523B** | 250mA to 1.5A, Adjustable Current-Limit Switches | PRODUCTION | 250 | 1500 | 1 | - | Yes | Yes | 10 | Resistor | 0.25 | .07 | 1.7 | 5.5 |
| **MAX14523C** | 250mA to 1.5A, Adjustable Current-Limit Switches | PRODUCTION | 250 | 1500 | 1 | - | Yes | Yes | 10 | Resistor | 0.25 | .07 | 1.7 | 5.5 |
| **MAX14525** | Battery Switch with Four Enables | PRODUCTION | 5000 | 5000 | 1 | - | - | No | 10 | Preset | - | 0.035 | 2.2 | 5.5 |
| **MAX4995A** | 50mA to 600mA Programmable Current-Limit Switches | PRODUCTION | 50 | 600 | 1 | - | Yes | Yes | 10 | Resistor | 0.05 | 0.13 | 1.7 | 5.5 |
| **MAX4995AF** | 50mA to 600mA Programmable Current-Limit Switches | PRODUCTION | 50 | 600 | 1 | - | Yes | Yes | 10 | Resistor | 0.05 | 0.13 | 1.7 | 5.5 |

| | Description | Product Lifecycle | Current Limit min | Current Limit max | # Power Switches | # Data Switches | USB | Fault Indicator | Current Limit Accuracy | Current Limit Set By | Lowest Adj. Setting | RON typ | VSUPPLY min | VSUPPLY max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX4995AL** | 50mA to 600mA Programmable Current-Limit Switches | PRODUCTION | 50 | 600 | 1 | - | Yes | Yes | 10 | Resistor | 0.05 | 0.13 | 1.7 | 5.5 |
| **MAX4995B** | 50mA to 600mA Programmable Current-Limit Switches | PRODUCTION | 50 | 600 | 1 | - | Yes | Yes | 10 | Resistor | 0.05 | 0.13 | 1.7 | 5.5 |
| **MAX4995C** | 50mA to 600mA Programmable Current-Limit Switches | PRODUCTION | 50 | 600 | 1 | - | Yes | Yes | 10 | Resistor | 0.05 | 0.13 | 1.7 | 5.5 |
| **MAX4915A** | 100mA/200mA/300mA Current-Limit Switches with Low Shutdown Reverse Current | PRODUCTION | 200 | 200 | 1 | - | - | Yes | 20 | Preset | - | 0.2 | 2.3 | 5.5 |
| **MAX4915B** | 100mA/200mA/300mA Current-Limit Switches with Low Shutdown Reverse Current | PRODUCTION | 200 | 200 | 1 | - | - | Yes | 20 | Preset | - | 0.2 | 2.3 | 5.5 |
| **MAX4917A** | 100mA/200mA/300mA Current-Limit Switches with Low Shutdown Reverse Current | PRODUCTION | 300 | 300 | 1 | - | - | Yes | 20 | Preset | - | 0.2 | 2.3 | 5.5 |
| **MAX4917B** | 100mA/200mA/300mA Current-Limit Switches with Low Shutdown Reverse Current | PRODUCTION | 300 | 300 | 1 | - | - | Yes | 20 | Preset | - | 0.2 | 2.3 | 5.5 |
| **MAX4826** | 50mA/100mA Current-Limit Switches with NO-LOAD Flag in µDFN | PRODUCTION | 50 | 50 | 1 | - | - | Yes | 41 | Preset | - | 0.7 | 2.3 | 5.5 |
| **MAX4829** | 50mA/100mA Current-Limit Switches with NO-LOAD Flag in µDFN | PRODUCTION | 100 | 100 | 1 | - | - | Yes | 41 | Preset | - | 0.7 | 2.3 | 5.5 |
| **MAX4830** | 50mA/100mA Current-Limit Switches with NO-LOAD Flag in µDFN | PRODUCTION | 50 | 50 | 1 | - | - | Yes | 41 | Preset | - | 1.4 | 2.3 | 5.5 |
| **MAX4831** | 50mA/100mA Current-Limit Switches with NO-LOAD Flag in µDFN | PRODUCTION | 50 | 50 | 1 | - | - | Yes | 41 | Preset | - | 1.4 | 2.3 | 5.5 |
| **MAX1564** | Triple 1.2A USB Switch in 4mm x 4mm Thin QFN | PRODUCTION | 490 | 1200 | 3 | - | Yes | Yes | 12.5 | Resistor | 0.4 | 0.06 | 2.7 | 5.5 |

| | Description | Product Lifecycle | Current Limit min | Current Limit max | # Power Switches | # Data Switches | USB | Fault Indicator | Current Limit Accuracy | Current Limit Set By | Lowest Adj. Setting | RON typ | VSUPPLY min | VSUPPLY max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX8586** | Single 1.2A USB Switch in 3mm x 3mm TDFN | PRODUCTION | 500 | 1200 | 1 | - | Yes | Yes | 14 | Resistor | 0.5 | 5.5E-2 | 2.7 | 5.5 |
| **MAX4835** | 250mA LDO Linear Regulators with Current-Limiting Switch | PRODUCTION | 250 | 250 | 1 | - | - | No | 10 | Preset | - | 0.4 | 2.5 | 5.5 |
| **MAX4836** | 500mA LDO Linear Regulators with Current-Limiting Switch | PRODUCTION | 500 | 500 | 1 | - | Yes | Yes | 10 | Preset | - | 0.4 | 2.5 | 5.5 |
| **MAX4837** | 500mA LDO Linear Regulators with Current-Limiting Switch | PRODUCTION | 500 | 500 | 1 | - | Yes | No | 10 | Preset | - | 0.4 | 2.5 | 5.5 |
| **MAX1558** | Dual, 3mm x 3mm, 1.2A/Programmable-Current USB Switches with Autoreset | PRODUCTION | 500 | 1200 | 2 | - | Yes | Yes | 15 | Resistor | 0.5 | 5.5E-2 | 2.7 | 5.5 |
| **MAX1558H** | Dual, 3mm x 3mm, 1.2A/Programmable-Current USB Switches with Autoreset | PRODUCTION | 500 | 1200 | 2 | - | Yes | Yes | 15 | Resistor | 0.5 | 5.5E-2 | 2.7 | 5.5 |
| **MAX4773** | 200mA/500mA Selectable Current-Limit Switches | PRODUCTION | 200 | 500 | 1 | - | - | Yes | 23 | Pin Select | 0.2 | 0.2 | 2 | 4.5 |
| **MAX4798** | 450mA/500mA Current-Limit Switches | PRODUCTION | 500 | 500 | 1 | - | - | Yes | 23 | Preset | - | 0.2 | 2 | 4.5 |
| **MAX1562** | Programmable, 4A, USB, Current-Limited Switches with Autoreset and Fault Blanking | PRODUCTION | 1000 | 4000 | 1 | - | Yes | Yes | 20 | Resistor | 1 | 2.5999999999999999E-2 | 4 | 5.5 |
| **MAX1562H** | Programmable, 4A, USB, Current-Limited Switches with Autoreset and Fault Blanking | PRODUCTION | 1000 | 4000 | 1 | - | Yes | Yes | 20 | Resistor | 1 | 2.5999999999999999E-2 | 4 | 5.5 |
| **MAX1563** | Programmable, 4A, USB, Current-Limited Switches with Autoreset and Fault Blanking | PRODUCTION | 1000 | 4000 | 1 | - | Yes | Yes | 20 | Resistor | 1 | 2.5999999999999999E-2 | 4 | 5.5 |
| **MAX4789** | 200mA/250mA/300mA Current-Limit Switches | PRODUCTION | 200 | 200 | 1 | - | - | Yes | 20 | Preset | - | 0.2 | 2.3 | 5.5 |

| | Description | Product Lifecycle | Current Limit min | Current Limit max | # Power Switches | # Data Switches | USB | Fault Indicator | Current Limit Accuracy | Current Limit Set By | Lowest Adj. Setting | RON typ | VSUPPLY min | VSUPPLY max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX4790** | 200mA/250mA/300mA Current-Limit Switches | PRODUCTION | 200 | 200 | 1 | - | - | No | 20 | Preset | - | 0.2 | 2.3 | 5.5 |
| **MAX4791** | 200mA/250mA/300mA Current-Limit Switches | PRODUCTION | 250 | 250 | 1 | - | - | Yes | 20 | Preset | - | 0.2 | 2.3 | 5.5 |
| **MAX4793** | 200mA/250mA/300mA Current-Limit Switches | PRODUCTION | 300 | 300 | 1 | - | - | Yes | 20 | Preset | - | 0.2 | 2.3 | 5.5 |
| **MAX4794** | 200mA/250mA/300mA Current-Limit Switches | PRODUCTION | 300 | 300 | 1 | - | - | No | 20 | Preset | - | 0.2 | 2.3 | 5.5 |
| **MAX4785** | 50mA/100mA Current-Limit Switches | PRODUCTION | 50 | 50 | 1 | - | - | Yes | 41 | Preset | - | 0.7 | 2.3 | 5.5 |
| **MAX4786** | 50mA/100mA Current-Limit Switches | PRODUCTION | 50 | 50 | 1 | - | - | No | 41 | Preset | - | 0.7 | 2.3 | 5.5 |
| **MAX4787** | 50mA/100mA Current-Limit Switches | PRODUCTION | 100 | 100 | 1 | - | - | Yes | 41 | Preset | - | 0.7 | 2.3 | 5.5 |
| **MAX4788** | 50mA/100mA Current-Limit Switches | PRODUCTION | 100 | 100 | 1 | - | - | No | 41 | Preset | - | 0.7 | 2.3 | 5.5 |
| **MAX1940** | Triple USB Switch with Autoreset and Fault Blanking | PRODUCTION | 700 | 700 | 3 | - | Yes | Yes | 26 | Preset | - | 8.5000000000000006E-2 | 4 | 5.5 |
| **MAX1946** | Single USB Switch with Autoreset and Fault Blanking in Tiny TDFN | PRODUCTION | 740 | 740 | 1 | - | Yes | Yes | 24 | Preset | - | 7.4999999999999997E-2 | 2.7 | 5.5 |
| **MAX1931** | Current-Limited Switch for Single USB Port | PRODUCTION | 750 | 750 | 1 | - | Yes | Yes | 25 | Preset | - | 0.06 | 2.7 | 5.5 |
| **MAX1922** | 1A Current-Limited Switch for 2 USB Ports | PRODUCTION | 1400 | 1400 | 1 | - | Yes | Yes | 20 | Preset | - | 7.0000000000000007E-2 | 2.7 | 5.5 |
| **MAX1823** | Dual USB Switch with Fault Blanking and Autoreset | PRODUCTION | 720 | 720 | 2 | - | Yes | Yes | 25 | Preset | - | 0.075 | 4 | 5.5 |
| **MAX1823A** | Dual USB Switch with Fault Blanking and Autoreset | PRODUCTION | 720 | 720 | 2 | - | Yes | Yes | 25 | Preset | - | 7.4999999999999997E-2 | 4 | 5.5 |
| **MAX1823B** | Dual USB Switch with Fault Blanking and Autoreset | PRODUCTION | 720 | 720 | 2 | - | Yes | Yes | 25 | Preset | - | 7.4999999999999997E-2 | 4 | 5.5 |

| | Description | Product Lifecycle | Current Limit min | Current Limit max | # Power Switches | # Data Switches | USB | Fault Indicator | Current Limit Accuracy | Current Limit Set By | Lowest Adj. Setting | RON typ | VSUPPLY min | VSUPPLY max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX1812** | Dual USB Switch with Fault Blanking | PRODUCTION | 600 | 600 | 2 | - | Yes | Yes | 33 | Preset | - | 7.4999999999999997E-2 | 4 | 5.5 |
| **MAX1607** | USB Current-Limited Switch in Pin-Compatible Package | PRODUCTION | 700 | 1000 | 1 | - | Yes | Yes | 18 | Pin Select | 0.5 | 0.06 | 2.7 | 5.5 |
| **MAX1693** | USB Current-Limited Switches with Fault Blanking | PRODUCTION | 700 | 1000 | 1 | - | Yes | Yes | 18 | Preset | 0.7 | 0.06 | 2.7 | 5.5 |
| **MAX1693H** | USB Current-Limited Switches with Fault Blanking | PRODUCTION | 700 | 1000 | 1 | - | Yes | Yes | 18 | Preset | 0.7 | 0.06 | 2.7 | 5.5 |
| **MAX1694** | USB Current-Limited Switches with Fault Blanking | PRODUCTION | 700 | 1000 | 1 | - | Yes | Yes | 18 | Preset | 0.7 | 0.06 | 2.7 | 5.5 |
| **MAX893L** | 1.2A, Current-Limited, High-Side P-Channel Switch with Thermal Shutdown | PRODUCTION | 200 | 1200 | 1 | - | Yes | Yes | 15 | Resistor | 0.2 | .07 | 2.7 | 5.5 |
| **MAX869L** | 2A, Current-Limited, High-Side P-Channel Switch with Thermal Shutdown | PRODUCTION | 2000 | 2000 | 1 | - | Yes | Yes | 15 | Resistor | 0.4 | 3.7999999999999999E-2 | 2.7 | 5.5 |
| **MAX891L** | Current-Limited, High-Side P-Channel Switches with Thermal Shutdown | PRODUCTION | 500 | 500 | 1 | - | - | Yes | 15 | Resistor | 0.1 | 0.12 | 2.7 | 5.5 |
| **MAX892L** | Current-Limited, High-Side P-Channel Switches with Thermal Shutdown | PRODUCTION | 250 | 250 | 1 | - | - | Yes | 15 | Resistor | 0.05 | 0.25 | 2.7 | 5.5 |
| **MAX894L** | Dual, Current-Limited, High-Side P-Channel Switches with Thermal Shutdown | PRODUCTION | 500 | 500 | 2 | - | - | No | 15 | Resistor | 0.1 | 0.12 | 2.7 | 5.5 |
| **MAX895L** | Dual, Current-Limited, High-Side P-Channel Switches with Thermal Shutdown | PRODUCTION | 250 | 250 | 2 | - | - | No | 15 | Resistor | 0.05 | 0.25 | 2.7 | 5.5 |

| | Description | Product Lifecycle | Current min Limit | Current max Limit | # Power Switches | # Data Switches | USB | Fault Indicator | Current Limit Accuracy | Current Limit Set By | Lowest Adj. Setting | RON typ | VSUPPLY min | VSUPPLY max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX890L** | 1.2A, Current-Limited, High-Side P-Channel Switch with Thermal Shutdown | PRODUCTION | 1200 | 1200 | 1 | - | - | Yes | 15 | Resistor | 0.32 | 0.075 | 2.7 | 5.5 |

# Digital Power System Management

| Parts | Description | Product Lifecycle | Number of Outputs | Vin min | Vin max | Output Current typ | Topology | Power Management Function | Interface | ADC | DAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX34460A** | PMBus 12-Channel Voltage Monitor and Sequencer | PRODUCTION | 20 | 3 | 3.6 | - | - | Current and Temperature Monitor, Digital Power System Manager, Power Supply Sequencer, Sequencer, Temperature Monitor | I2C/SMBus, PMBus | 12-Bit | - |
| **MAX34461A** | PMBus 16-Channel Voltage Monitor and Sequencer | PRODUCTION | 16 | 3 | 3.6 | - | - | Digital Power System Manager | I2C/SMBus, PMBus | 12-Bit | - |
| **LT7170** | 20 A, 16 V, Single- or Dual-Phase, Silent Switcher Step-Down Regulators with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 1.5 | 16 | 20 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | - | - |
| **MAX20830** | 30A, 2MHz, 2.7V to 16V Integrated Step-Down Switching Regulator with PMBus | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7 | 16 | 30 | Buck | DC/DC Regulator With Power System Management | PMBus | - | - |
| **MAX20815** | 15A, 2MHz, 2.7V to 16V Integrated Step-Down Switching Regulator with PMBus | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7 | 16 | 15 | Buck | DC/DC Regulator With Power System Management | PMBus | - | - |
| **LTM4683** | Low VOUT Quad 31.25A or Single 125A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 4 | 4.5 | 16 | 31.25 | Buck | DC/DC Regulator With Power System Management | PMBus | 16-Bit | - |
| **LT9890** | 150 A Current Monitor for Intel Psys Applications | RECOMMENDED FOR NEW DESIGNS | - | - | - | - | - | Digital Power System Manager | Analog | - | - |
| **MAX20810** | 10A, 2MHz, 2.7V to 16V Integrated Step-Down Switching Regulator with PMBus | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7 | 16 | 10 | Buck | DC/DC Regulator With Power System Management | PMBus | - | - |
| **LTP8800-1A** | 150A DC/DC µModule Regulator with PMBus Interface | RECOMMENDED FOR NEW DESIGNS | 1 | 40 | 65 | 150 | Full-Bridge | - | I2C/SMBus, PMBus | - | - |
| **LTP8803-1A** | 160A DC/DC Power µModule Regulator with PMBus Interface | RECOMMENDED FOR NEW DESIGNS | 1 | 40 | 65 | 160 | Full-Bridge | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | - | - |

| | Description | Product Lifecycle | Number of Outputs | Vin min | Vin max | Output Current typ | Topology | Power Management Function | Interface | ADC | DAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTM4686B** | Ultrathin Dual 14A or Single 28A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 5.75 | 10 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC7131-1** | 25A Monolithic Synchronous DC/DC Step-Down Converter with PMBus Interface | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 20 | 25 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **ADP5055** | Triple Buck Regulator Integrated Power Solution | RECOMMENDED FOR NEW DESIGNS | 3 | 2.75 | 18 | 7 | Buck | DC/DC Regulator With Power System Management | PMBus | - | 8-Bit |
| **LTC2980-24** | 24-Channel PMBus Power System Manager | RECOMMENDED FOR NEW DESIGNS | 24 | 3.13 | 15 | - | - | Digital Power System Manager | I2C/SMBus, PMBus, PSMBus | 16-Bit | 10-Bit |
| **LTM4664A (dual output)** | 30V to 58V Input, Dual 30A, Single 60A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 30 | 58 | 30 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTM4664A (single output)** | 30V to 58V Input, Dual 30A, Single 60A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 30 | 58 | 60 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC7883** | Quad Output PolyPhase Step-Down DC/DC Voltage Mode Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 4 | 3 | 13.2 | 40 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LT7182S** | Dual Channel 6A, 20V PolyPhase Silent Switcher 2 Step-Down Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 1.5 | 20 | 6 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus, PSMBus | 16-Bit | 13-Bit |
| **MAX20754** | Dual-Output, Configurable Multiphase Power-Supply Controller with PMBus Interface and Internal Buck Converter | PRODUCTION | 2 | 4.5 | 16 | 150 | Buck | DC/DC Regulator With Power System Management | PMBus | - | - |
| **LTM4681 (quad output)** | Quad 31.25A or Single 125A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 4 | 4.5 | 16 | 31.25 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |

| | Description | Product Lifecycle | Number of Outputs | Vin min | Vin max | Output Current typ | Topology | Power Management Function | Interface | ADC | DAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTM4681 (single output)** | Quad 31.25A or Single 125A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 16 | 125 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC3888-1** | Dual Loop 8-Phase Step-Down DC/DC Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 26.5 | 400 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 10-bit | 12-Bit |
| **MAX16602** | VR13.HC and AI Cores Dual-Output Voltage Regulator Chipset | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 16 | - | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | - | - |
| **LTC7132** | 25A, Dual PolyPhase Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 20 | 25 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **MAX20796** | Dual-Phase Scalable Integrated Voltage Regulator with PMBus Interface | PRODUCTION | 1 | 4.5 | 16 | 60 | Buck | DC/DC Regulator With Power System Management | PMBus | - | - |
| **LTC2971** | 2-Channel ±60V Power System Manager | RECOMMENDED FOR NEW DESIGNS | 2 | 3.13 | 60 | - | - | Digital Power System Manager | I2C/SMBus, PMBus | 16-Bit | 10-Bit |
| **MAX20710** | Integrated, Step-Down Switching Regulator with PMBus | PRODUCTION | 1 | 4.5 | 16 | 10 | Buck | DC/DC Regulator With Power System Management | PMBus | - | - |
| **LTC7880** | 60V Dual Output Step-Up Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 2.5 | 40 | - | Boost | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC7841** | PolyPhase Synchronous Boost Controller with PMBus Interface | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 60 | - | Boost | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 13-Bit | 9-Bit |
| **LTM4664 (dual output)** | 54VIN Dual 25A, Single 50A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 30 | 58 | 25 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 10-bit | 10-Bit |
| **LTM4664 (single output)** | 54VIN Dual 25A, Single 50A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 30 | 58 | 50 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 10-bit | 10-Bit |

| | Description | Product Lifecycle | Number of Outputs | Vin min | Vin max | Output Current typ | Topology | Power Management Function | Interface | ADC | DAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTM4680 (dual output)** | Dual 30A or Single 60A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 16 | 30 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTM4680 (single output)** | Dual 30A or Single 60A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 16 | 60 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC3889** | 60V Dual Output Step-Down Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 5 | 60 | 20 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTM4700 (dual output)** | Dual 50A or Single 100A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 16 | 50 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTM4700 (single output)** | Dual 50A or Single 100A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 16 | 100 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTM4686-1 (dual output)** | Ultrathin Dual 10A or Single 20A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 2.375 | 17 | 10 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTM4686-1 (single output)** | Ultrathin Dual 10A or Single 20A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 2.375 | 17 | 20 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTM4686 (dual output)** | Ultrathin Dual 10A or Single 20A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 17 | 10 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTM4686 (single output)** | Ultrathin Dual 10A or Single 20A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 17 | 20 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTM4678 (dual output)** | Dual 25A or Single 50A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 16 | 25 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |

| | Description | Product Lifecycle | Number of Outputs | Vin min | Vin max | Output Current typ | Topology | Power Management Function | Interface | ADC | DAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTM4678 (single output)** | Dual 25A or Single 50A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 16 | 50 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **ADM1266** | Cascadable Super Sequencer with Margin Control and Fault Recording | RECOMMENDED FOR NEW DESIGNS | - | - | - | - | - | - | PMBus | 12-Bit | - |
| **LTC2972** | 2-Channel PMBus Power System Manager Featuring Programmable Power Good Outputs | RECOMMENDED FOR NEW DESIGNS | 2 | 3.13 | 15 | - | - | Digital Power System Manager | I2C/SMBus, PMBus, PSMBus | 16-Bit | 10-Bit |
| **LTC2979** | 16-Channel PMBus Low-Voltage Power System Manager | RECOMMENDED FOR NEW DESIGNS | 16 | 3.13 | 3.47 | - | - | Digital Power System Manager | I2C/SMBus, PMBus, PSMBus | 16-Bit | 10-Bit |
| **LTC3882-1 (dual output)** | Dual Output PolyPhase Step-Down DC/DC Voltage Mode Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 3 | 13.2 | 40 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC3882-1 (single output)** | Dual Output PolyPhase Step-Down DC/DC Voltage Mode Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 3 | 13.2 | 80 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC7106** | A 7-Bit Current DAC with PMBus Interface | RECOMMENDED FOR NEW DESIGNS | 1 | 2.5 | 5.5 | - | - | Current DAC with PMBus Interface | I2C/SMBus, PMBus | - | 7-bit |
| **MAX20734** | Integrated, Step-Down Switching Regulator with PMBus | PRODUCTION | 1 | 4.5 | 16 | 40 | Buck | - | PMBus | - | - |
| **MAX20730** | Integrated, Step-Down Switching Regulator with PMBus | PRODUCTION | 1 | 4.5 | 16 | 25 | Buck | - | PMBus | - | - |
| **MAX20743** | Integrated, Step-Down Switching Regulator with PMBus | PRODUCTION | 1 | 4.5 | 16 | 35 | Buck | - | PMBus | - | - |
| **LTC3870-1** | PolyPhase Step-Down Slave Controller for Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 60 | 20 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | - | - |

| | Description | Product Lifecycle | Number of Outputs | Vin min | Vin max | Output Current typ | Topology | Power Management Function | Interface | ADC | DAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTM4677 (dual output)** | Dual 18A or Single 36A µModule (Power Module) Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 16 | 18 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTM4677 (single output)** | Dual 18A or Single 36A µModule (Power Module) Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 16 | 36 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC3884 (dual output)** | Dual Output PolyPhase Step-Down Controller with Sub-Milliohm DCR Sensing and Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 38 | 30 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC3884 (single output)** | Dual Output PolyPhase Step-Down Controller with Sub-Milliohm DCR Sensing and Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 38 | 60 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC2980** | 16-Channel PMBus Power System Manager | RECOMMENDED FOR NEW DESIGNS | 16 | 3.13 | 15 | - | - | Digital Power System Manager | I2C/SMBus, PMBus, PSMBus | 16-Bit | 10-Bit |
| **LTC3886 (dual output)** | 60V Dual Output Step-Down Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 60 | 15 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC3886 (single output)** | 60V Dual Output Step-Down Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 60 | 30 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC3815** | 6A Monolithic Synchronous DC/DC Step-Down Converter with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 2.25 | 5.5 | 6 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 13-Bit | 9-Bit |
| **LTM4675 (dual output)** | Dual 9A or Single 18A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 17 | 9 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTM4675 (single output)** | Dual 9A or Single 18A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 17 | 18 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |

| | Description | Product Lifecycle | Number of Outputs | Vin min | Vin max | Output Current typ | Topology | Power Management Function | Interface | ADC | DAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTM4676A (dual output)** | Dual 13A or Single 26A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 26.5 | 13 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTM4676A (single output)** | Dual 13A or Single 26A µModule Regulator with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 26.5 | 26 | Buck | DC/DC uModule Regulator With Power System Manageme | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC3887 (dual output)** | Dual Output PolyPhase Step-Down DC/DC Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 24 | 30 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC3887 (single output)** | Dual Output PolyPhase Step-Down DC/DC Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 24 | 60 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC2975** | 4-Channel PMBus Power System Manager Featuring Accurate Input Current and Energy Measurement | RECOMMENDED FOR NEW DESIGNS | 4 | 3.13 | 15 | - | - | Digital Power System Manager | I2C/SMBus, PMBus, PSMBus | 16-Bit | 10-Bit |
| **LTC3882 (dual output)** | Dual Output PolyPhase Step-Down DC/DC Voltage Mode Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 3 | 13.2 | 40 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC3882 (single output)** | Dual Output PolyPhase Step-Down DC/DC Voltage Mode Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 3 | 13.2 | 80 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTM2987** | 16-Channel µModule PMBus Power System Manager | RECOMMENDED FOR NEW DESIGNS | 16 | 3.13 | 15 | - | - | Digital Power System Manager | I2C/SMBus, PMBus, PSMBus | 16-Bit | 10-Bit |
| **ADP1055** | Digital Controller for Power Supply Applications with PMBus Interface | RECOMMENDED FOR NEW DESIGNS | 1 | 3 | 3.6 | - | Flyback | DC/DC Regulator With Power System Management | PMBus | - | - |
| **LTC3870** | PolyPhase Step-Down Slave Controller for Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 60 | 20 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | - | - |

| | Description | Product Lifecycle | Number of Outputs | Vin min | Vin max | Output Current typ | Topology | Power Management Function | Interface | ADC | DAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC2977** | 8-Channel PMBus Power System Manager Featuring Accurate Output Voltage Measurement | RECOMMENDED FOR NEW DESIGNS | 8 | 3.13 | 15 | - | - | Digital Power System Manager | I2C/SMBus, PMBus, PSMBus | 16-Bit | 10-Bit |
| **MAX34451** | PMBus 16-Channel V/I Monitor and 12-Channel Sequencer/Marginer | RECOMMENDED FOR NEW DESIGNS | 16 | - | 3.3 | - | - | Digital Power System Manager | I2C/SMBus, PMBus | - | - |
| **MAX15301** | InTune Automatically Compensated Digital PoL Controller with Driver and PMBus Telemetry | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 14 | - | Buck | DC/DC Regulator With Power System Management | PMBus | - | - |
| **LTC3883** | Single Phase Step-Down DC/DC Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 24 | 30 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC2974** | 4-Channel PMBus Power System Manager Featuring Accurate Output Current Measurement | RECOMMENDED FOR NEW DESIGNS | 4 | 3.13 | 15 | - | - | Digital Power System Manager | I2C/SMBus, PMBus, PSMBus | 16-Bit | 10-Bit |
| **MAX34446** | PMBus Power-Supply Data Logger | PRODUCTION | 4 | - | 5.5 | - | - | PMBus Power-Supply Data Logger | I2C/SMBus, PMBus | - | - |
| **LTC3880 (dual output)** | Dual Output PolyPhase Step-Down DC/DC Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 24 | 30 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **LTC3880 (single output)** | Dual Output PolyPhase Step-Down DC/DC Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 24 | 60 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | 16-Bit | 12-Bit |
| **MAX34440** | PMBus 6-Channel Power-Supply Manager | PRODUCTION | 6 | - | 3.3 | - | - | Digital Power System Manager | I2C/SMBus, PMBus | - | - |
| **ADM1166** | Super Sequencer with Margining Control and Non-Volatile Fault Recording | RECOMMENDED FOR NEW DESIGNS | - | - | - | - | - | - | Digital | 12-Bit | - |
| **MAX8688** | Digital Power-Supply Controller/Monitor with PMBus Interface | PRODUCTION | 1 | 3 | 3.6 | - | - | Digital Power System Manager | I2C/SMBus, PMBus | 12-Bit | - |

| | Description | Product Lifecycle | Number of Outputs | Vin min | Vin max | Output Current typ | Topology | Power Management Function | Interface | ADC | DAC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC2970** | Dual I2C Power Supply Monitor and Margining Controller | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 15 | - | Power Manager | Digital Power System Manager | I2C/SMBus, PMBus | 14-Bit | 8-Bit |
| **LT7171** | 20A, 16V, Single- or Dual Phase, Silent Switcher Step-Down Regulators with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 1 | 1.5 | 16 | 20 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus | - | - |
| **LTC3888** | Dual Loop 8-Phase Step-Down DC/DC Controller with Digital Power System Management | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 26.5 | 400 | Buck | DC/DC Regulator With Power System Management | I2C/SMBus, PMBus, SPI | 10-bit | 12-Bit |

# Energy Monitors

| Parts | Description | Product Lifecycle | Number of Supplies typ | Vin Range | Power Management Features | ADC | Interface | Comments |
|---|---|---|---|---|---|---|---|---|
| **LTC2949** | Current, Voltage, and Charge Monitor for High Voltage Battery Packs | PRODUCTION | 12 | ±6.14V | Current Monitor, Energy Monitor, I2C Interface, Power Monitor, Voltage Monitor | 20-Bit | I2C/SMBus, IsoSPI, SPI | Current, Voltage, Temperature and Charge Monitor for High Voltage Battery Packs |
| **LTC2947-65** | 65A+ Power/Energy Monitor with Integrated Sense Resistor | RECOMMENDED FOR NEW DESIGNS | 1 | ±65A Current Range | Charge Monitor, Current Monitor, Energy Monitor, Integrated Rsense, Power Monitor, Voltage Monitor | 18-bit | I2C/SMBus, SPI | 65A+ Power/Energy Monitor with Integrated Sense Resistor |
| **LTC2947** | 30A Power/Energy Monitor with Integrated Sense Resistor | RECOMMENDED FOR NEW DESIGNS | 1 | 0V to 15V | Charge Monitor, Current Monitor, Energy Monitor, Integrated Rsense, Power Monitor, Voltage Monitor | 18-bit | I2C/SMBus, SPI | 30A Power/Energy Monitor with Integrated Sense Resistor |
| **LTC2946** | Wide Range I2C Power, Charge and Energy Monitor | RECOMMENDED FOR NEW DESIGNS | 1 | -100V to +100V (extendable to higher voltages) | Current Monitor, Energy Monitor, I2C Interface, Power Monitor, Voltage Monitor | 12-Bit | I2C/SMBus | Wide Range I2C Power, Charge and Energy Monitor |
| **ADM1294** | Digital Power Monitor with PMBus Interface | NOT RECOMMENDED FOR NEW DESIGNS | 1 | 2.95V to 20V | ADC, Digital Interface, PMBus | 12-Bit | PMBus | Digital Power Monitor with PMBus Interface |

# High-Side Switches and MOSFET Drivers

| Parts | Description | Product Lifecycle | Switches typ | Supply Voltage Range | Vin max | Device Configuration | Ron max | Output Rise/Fall Time typ | Prop Delay max | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **LTC7068** | 150V Half Bridge Driver with Adaptive Shoot-Through Protection | RECOMMENDED FOR NEW DESIGNS | - | 6V to 14V | 150 | Half-Bridge | - | 20n, 23n | - | - |
| **LTC7065** | 100V Half-Bridge Driver with Adaptive Shoot-Through Protection | RECOMMENDED FOR NEW DESIGNS | 2 | 6V to 14V | 100 | Half-Bridge | - | 20n, 23n | - | 100V Half-Bridge Driver with Adaptive Shoot-Through Protection |
| **LT8418** | 100V Half-Bridge GaN Driver with Smart Integrated Bootstrap Switch | RECOMMENDED FOR NEW DESIGNS | 2 | 3.85V to 5.5V | 100 | - | 0.6 | 2.5n | 16n | 100V Half-Bridge GaN Drier with Smart Integrated Bootstrap Switch |
| **LTC7066** | 150V Half Bridge Driver with Floating Grounds and Adjustable Dead Time | RECOMMENDED FOR NEW DESIGNS | 2 | 5V to 14V | 140 | Half-Bridge, High-Side N Drive | - | 14n, 18n | - | 150V Half-Bridge Driver with Floating Grounds and Adjustable Dead-Time |
| **LTC7063** | 150V Half-Bridge Driver with Floating Grounds and Adjustable Dead-Time | RECOMMENDED FOR NEW DESIGNS | 2 | 6V to 14V | 140 | Half-Bridge, High-Side N Drive | - | 13n, 18n | - | 150V Half Bridge Driver with Floating Grounds and Adjustable Dead-Time |
| **LTC7000A** | Fast 150V Protected High Side NMOS Static Switch Driver | RECOMMENDED FOR NEW DESIGNS | 1 | 3.5V to 15V | 135 | High-Side N Drive | 1 | 13n, 13n | 35n | Fast 150V Protected High Side NMOS Static Switch Driver |
| **LTC7067** | 150V Dual High-Side MOSFET Gate Driver | PRODUCTION | 2 | 5V to 14V | 150 | Half-Bridge, High-Side N Drive | - | 14n, 18n | - | 150V Half-Bridge Driver with Adaptive Shoot-Through Protection |
| **LTC7062** | 100V Dual High-Side MOSFET Gate Driver | RECOMMENDED FOR NEW DESIGNS | 2 | 5V to 14V | 100 | Half-Bridge, High-Side N Drive | - | 14n, 18n | - | 100V Half-Bridge Driver with Floating Grounds |
| **LTC7061** | 100V Half Bridge Driver with Floating Grounds and Adjustable Dead-Time | RECOMMENDED FOR NEW DESIGNS | 2 | 5V to 14V | 100 | Half-Bridge, High-Side N Drive | - | 14n, 18n | - | 100V Half-Bridge Driver with Floating Grounds and Adjustable Dead-Time |
| **LTC7060** | 100V Half-Bridge Driver with Floating Grounds and Adjustable Dead-Time | RECOMMENDED FOR NEW DESIGNS | 2 | 6V to 14V | 100 | Half-Bridge, High-Side N Drive | - | 13n, 18n | - | 100V Half-Bridge Driver with Floating Grounds and Adjustable Dead-Time |

| | Description | Product Lifecycle | Switches typ | Supply Voltage Range | Vin max | Device Configuration | Ron max | Output typ Rise/Fall Time | Prop max Delay | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX25615** | 7A Sink, 3A Source, 12ns, SOT23 MOSFET Drivers | PRODUCTION | 1 | 4V to 16V | 16 | High-Side N Drive | 0.32 | 4n, 5n | 18n | 7A Sink, 3A Source, 12ns, SOT23 MOSFET Driver |
| **LTC7004** | Fast 60V High Side NMOS Static Switch Driver with PassThru | RECOMMENDED FOR NEW DESIGNS | 1 | Up to 60V | 60 | High-Side N Drive | 1 | 13n, 13n | 35n | Fast 60V High Side NMOS Static Switch Driver |
| **LTC7003** | Fast 60V Protected High Side NMOS Static Switch Driver | RECOMMENDED FOR NEW DESIGNS | 1 | 3.5V to 60V | 60 | High-Side N Drive | 1 | 13n, 13n | 35n | Fast 60V Protected High Side NMOS Static Switch Driver |
| **LTC7001** | Fast 150V High Side NMOS Static Switch Driver | RECOMMENDED FOR NEW DESIGNS | 1 | 3.5V to 15V | 135 | High-Side N Drive | 1 | 13n, 13n | 35n | Fast 150V High Side NMOS Static Switch Driver |
| **LTC7000** | Fast 150V Protected High Side NMOS Static Switch Driver with PassThru | RECOMMENDED FOR NEW DESIGNS | 1 | 3.5V to 15V | 135 | High-Side N Drive | 1 | 13n, 13n | 35n | Fast 150V Protected High Side NMOS Static Switch Driver |
| **LTC7000-1** | Fast 150V Protected High Side NMOS Static Switch Driver with PassThru | RECOMMENDED FOR NEW DESIGNS | 1 | 3.5V to 15V | 135 | High-Side N Drive | 1 | 13n, 13n | 35n | Fast 150V Protected High Side NMOS Static Switch Driver |
| **MAX5048C** | 7A Sink/3A Source Current, 8ns, SOT23, MOSFET Driver | PRODUCTION | 1 | 4V to 14V | 14 | Low-Side N Drive | 0.56 | 4n, 5n | 8n | High-Speed, 7.6A, Single MOSFET Driver with TTL Input Logic Levels |
| **MAX15492** | Single-Phase Synchronous MOSFET Driver with Ultra-Low-Power Mode | PRODUCTION | 2 | 4.2V to 5.5V | 5.5 | High-Side N Drive, Low-Side N Drive | 2 | - | - | Single Phase Synchronous Buck MOSFET Driver with Ultra Low Power Mode |
| **MAX17600** | 4A Sink/Source Current, 12ns, Dual MOSFET Drivers | PRODUCTION | 2 | 4V to 14V | 14 | High-Side P Drive, Low-Side N Drive | 0.95 | 6n, 6n | - | Dual, 12ns, 4A Sink/Source Current, MOSFET Drivers |
| **MAX17601** | 4A Sink/Source Current, 12ns, Dual MOSFET Drivers | PRODUCTION | 2 | 4V to 14V | 14 | High-Side P Drive, Low-Side N Drive | 0.95 | 6n, 6n | - | Dual, 12ns, 4A Sink/Source Current, MOSFET Drivers |
| **MAX17602** | 4A Sink/Source Current, 12ns, Dual MOSFET Drivers | PRODUCTION | 2 | 4V to 14V | 14 | High-Side P Drive, Low-Side N Drive | 0.95 | 6n, 6n | - | Dual, 12ns, 4A Sink/Source Current, MOSFET Drivers |
| **MAX17603** | 4A Sink/Source Current, 12ns, Dual MOSFET Drivers | PRODUCTION | 2 | 4V to 14V | 14 | High-Side P Drive, Low-Side N Drive | 0.95 | 6n, 6n | - | Dual, 12ns, 4A Sink/Source Current, MOSFET Drivers |

| | Description | Product Lifecycle | Switches typ | Supply Voltage Range | Vin max | Device Configuration | Ron max | Output typ Rise/Fall Time | Prop max Delay | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX17604** | 4A Sink/Source Current, 12ns, Dual MOSFET Drivers | PRODUCTION | 2 | 4V to 14V | 14 | High-Side P Drive, Low-Side N Drive | 0.95 | 6n, 6n | - | Dual, 12ns, 4A Sink/Source Current, MOSFET Drivers |
| **MAX17605** | 4A Sink/Source Current, 12ns, Dual MOSFET Drivers | PRODUCTION | 2 | 4V to 14V | 14 | High-Side P Drive, Low-Side N Drive | 0.95 | 6n, 6n | - | Dual, 12ns, 4A Sink/Source Current, MOSFET Drivers |
| **MAX15070A** | 7A Sink, 3A Source, 12ns, SOT23 MOSFET Drivers | PRODUCTION | 1 | 4V to 14V | 14 | High-Side P Drive, Low-Side N Drive | 0.32 | 4n, 5n | - | 7A Sink, 3A Source, 12ns, SOT23 MOSFET Driver |
| **ADP3654** | High Speed, Dual, 4 A MOSFET Driver | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5V to 18V | 18 | Low-Side N Drive | - | 10n | 35n | High Speed, Dual, 4 A MOSFET Driver |
| **MAX17491** | Single-Phase Synchronous MOSFET Driver | PRODUCTION | 2 | 4.2V to 5.5V | 5.5 | High-Side N Drive, Low-Side N Drive | 0.5 | 10n, 10n | - | Single-Phase Synchronous MOSFET Driver |
| **LTC4449** | High Speed Synchronous N-Channel MOSFET Driver | PRODUCTION | 2 | 4V to 38V | 38 | High-Side N Drive | - | - | - | High Speed Synchronous N-Channel MOSFET Driver |
| **ADP3629** | High Speed, Dual, 2 A MOSFET Driver, inverting A/B input pins | PRODUCTION | 2 | 9.5V to 18V | 18 | High-Side N Drive | - | - | 14n | OT Protection, OT Warning Signal, Precision Enable |
| **ADP3630** | High Speed, Dual, 2 A MOSFET Driver, non-inverting A/B input pins | PRODUCTION | 2 | 9.5V to 18V | 18 | High-Side N Drive | - | - | 14n | OT Protection, OT Warning Signal, Precision Enable |
| **ADP3631** | High Speed, Dual, 2 A MOSFET Driver, inverting A & non-inverting B input pins | PRODUCTION | 2 | 9.5V to 18V | 18 | High-Side N Drive | - | - | 14n | OT Protection, OT Warning Signal, Precision Enable |
| **MAX15054** | High-Side MOSFET Driver for HB LED Drivers and DC-DC Applications | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5V to 60V | 60 | High-Side N Drive | 1 | 6n, 6n | - | High-Side MOSFET Driver for HB LED Drivers and DC-DC Applications |
| **ADP3623** | High Speed, Dual, 4 A MOSFET Driver, inverting A/B input pins, 4.5V < Vin < 18V | PRODUCTION | 2 | 4.5V to 18V | 18 | High-Side N Drive | - | - | 10n | OT Protection, Precision Enable |

| | Description | Product Lifecycle | Switches typ | Supply Voltage Range | Vin max | Device Configuration | Ron max | Output Rise/Fall Time typ | Prop Delay max | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **ADP3625** | High Speed, Dual, 4 A MOSFET Driver, inverting A & non-inverting B input pins, 4.5V < Vin < 18V | PRODUCTION | 2 | 4.5V to 18V | 18 | High-Side N Drive | - | - | 10n | OT Protection, OT Warning Signal, Precision Enable |
| **ADP3633** | High Speed, Dual, 4 A MOSFET Driver, inverting A/B input pins, 9.5V < Vin < 18V | PRODUCTION | 2 | 9.5V to 18V | 18 | High-Side N Drive | - | - | 10n | OT Protection, OT Warning Signal, Precision Enable |
| **ADP3635** | High Speed, Dual, 4 A MOSFET Driver, inverting A & non-inverting B input pins, 9.5V in < 18V | PRODUCTION | 2 | 9.5V to 18V | 18 | High-Side N Drive | - | - | 10n | OT Protection, OT Warning Signal, Precision Enable |
| **ADP3624** | High Speed, Dual, 4 A MOSFET Driver, non-inverting A/B input pins, 4.5V < Vin < 18V | PRODUCTION | 2 | 4.5V to 18V | 18 | High-Side N Drive | - | - | 10n | OT Protection, OT Warning Signal, Precision Enable |
| **ADP3634** | High Speed, Dual, 4 A MOSFET Driver, non-inverting A/B input pins, 9.5V < VIN < 18V | PRODUCTION | 2 | 9.5V to 18V | 18 | High-Side N Drive | - | - | 10n | OT Protection, OT Warning Signal, Precision Enable |
| **ADP3650** | Dual, Bootstrapped, 12 V MOSFET Driver with Output Disable | PRODUCTION | 2 | 4.15V to 13.2V | 13.2 | High-Side N Drive | - | - | 30n | OT Protection, OT Warning Signal, Precision Enable |
| **LTC4446** | High Voltage High Side/Low Side N-Channel MOSFET Driver | PRODUCTION | 2 | 7.2V to 13.5V | 114 | High-Side N Drive | - | - | - | High Voltage High Side / Low Side N-Channel MOSFET Driver |
| **LTC4444-5** | High Voltage Synchronous N-Channel MOSFET Driver | PRODUCTION | 2 | 4.5V to 13.5V | 100 | High-Side N Drive | - | - | - | High Voltage Synchronous N-Channel MOSFET Driver |
| **MAX15024** | Single/Dual, 16ns, High Sink/Source Current Gate Drivers | PRODUCTION | 1 | 4.5V to 28V | 28 | High-Side P Drive, Low-Side N Drive | 0.65 | 16n | - | Single/Dual, 16ns, High Sink/Source Current Gate Drivers |

| | Description | Product Lifecycle | Switches typ | Supply Voltage Range | Vin max | Device Configuration | Ron max | Output Rise/Fall Time typ | Prop Delay max | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX15024A** | Single/Dual, 16ns, High Sink/Source Current Gate Drivers | PRODUCTION | 1 | 4.5V to 28V | 28 | High-Side P Drive, Low-Side N Drive | 2 | 8n, 12n | - | Single, 16ns, 8A Sink/4A Source Gate Driver |
| **MAX15024B** | Single/Dual, 16ns, High Sink/Source Current Gate Drivers | PRODUCTION | 1 | 4.5V to 28V | 28 | High-Side P Drive, Low-Side N Drive | 2 | 8n, 12n | - | Single, 16ns, 8A Sink/4A Source Gate Driver |
| **MAX15025** | Single/Dual, 16ns, High Sink/Source Current Gate Drivers | PRODUCTION | 2 | 4.5V to 28V | 28 | High-Side P Drive, Low-Side N Drive | 0.65 | 16n | - | Single/Dual, 16ns, High Sink/Source Current Gate Drivers |
| **MAX15025A** | Single/Dual, 16ns, High Sink/Source Current Gate Drivers | PRODUCTION | 2 | 4.5V to 28V | 28 | High-Side P Drive, Low-Side N Drive | 2 | 8n, 12n | - | Dual, 16ns, 4A Sink/2A Source Gate Drive |
| **MAX15025B** | Single/Dual, 16ns, High Sink/Source Current Gate Drivers | PRODUCTION | 2 | 4.5V to 28V | 28 | High-Side P Drive, Low-Side N Drive | 2 | 8n, 12n | - | Dual, 16ns, 4A Sink/2A Source Gate Drive |
| **MAX15025C** | Single/Dual, 16ns, High Sink/Source Current Gate Drivers | PRODUCTION | 2 | 4.5V to 28V | 28 | High-Side P Drive, Low-Side N Drive | 2 | 8n, 12n | - | Dual, 16ns, 4A Sink/2A Source Gate Drive |
| **LTC4442** | High Speed Synchronous N-Channel MOSFET Drivers | PRODUCTION | 2 | 6V to 9.5V | 38 | High-Side N Drive | - | - | - | High Speed Synchronous N-Channel MOSFET Drivers, 3.2V Undervoltage Lockout Threshold |
| **LTC4442-1** | High Speed Synchronous N-Channel MOSFET Drivers | PRODUCTION | 2 | 6V to 9.5V | 38 | High-Side N Drive | - | - | - | High Speed Synchronous N-Channel MOSFET Drivers, 6.2V Undervoltage Lockout Threshold |
| **LTC4444** | High Voltage Synchronous N-Channel MOSFET Driver | PRODUCTION | 2 | 7.2V to 13.5V | 114 | High-Side N Drive | - | - | - | High Voltage Synchronous N-Channel MOSFET Driver |
| **MAX5075** | Push-Pull FET Driver with Integrated Oscillator and Clock Output | PRODUCTION | 2 | 4V to 15V | 15 | Clock Output, Low-Side N Drive, Push-Pull | - | 10n, 10n | - | Push-Pull FET Driver with Integrated Oscillator and Clock Output |

| | Description | Product Lifecycle | Switches typ | Supply Voltage Range | Vin max | Device Configuration | Ron max | Output Rise/Fall Time typ | Prop Delay max | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **LTC4441** | N-Channel MOSFET Gate Driver | PRODUCTION | 1 | 5V to 25V | 25 | Low-Side N Drive | - | - | - | 6A Peak Output Current, Adjustable Blanking Time for MOSFETs Current Sense Signal |
| **LTC4441-1** | N-Channel MOSFET Gate Driver | PRODUCTION | 1 | 5V to 25V | 25 | Low-Side N Drive | - | - | - | 6A Peak Output Current |
| **MAX5078** | 4A, 20ns, MOSFET Driver | PRODUCTION | 1 | 4V to 15V | 15 | Low-Side N Drive | 1.1 | 4n, 4n | 20n | 4A, 20ns, MOSFET Driver |
| **MAX5056** | 4A, 20ns, Dual MOSFET Drivers | PRODUCTION | 2 | 4V to 15V | 15 | High-Side P Drive, Low-Side N Drive | 1.1 | 4n, 4n | 20n | 4A, 20ns, Dual MOSFET Drivers |
| **LTC4440** | High Speed, High Voltage High Side Gate Driver | PRODUCTION | 1 | 6.5V to 80V | 100 | High-Side N Drive | - | - | - | 1.5ohm pull-down, 2.4A pull-up drivers |
| **LTC4440-5** | High Speed, High Voltage, High Side Gate Driver | PRODUCTION | 1 | 3.2V to 60V | 80 | High-Side N Drive | - | - | - | Optimized for Logic Level FETs. 1.85ohm pull-down, 1.1A pull-up drivers |
| **LTC4440A-5** | High Speed, High Voltage, High Side Gate Driver | PRODUCTION | 1 | 3.2V to 80V | 100 | High-Side N Drive | 1.85 | 7n, 10n | 35n | High Speed, High Voltage, High Side Gate Driver |
| **LT1910** | Protected High Side MOSFET Driver | PRODUCTION | 1 | 8V to 48V | 60 | High-Side N Drive | - | - | - | -15V to 60V transient protected. quad driver: LT1161 |
| **MAX5048** | 7.6A, 12ns, SOT23/TDFN MOSFET Driver | PRODUCTION | 1 | 4V to 12.6V | 12.6 | High-Side P Drive, Low-Side N Drive | 0.3 | 3.2n, 8n | 12n | High-Speed, 7.6A, Single MOSFET Driver with TTL Input Logic Levels |
| **MAX5048A** | 7.6A, 12ns, SOT23/TDFN MOSFET Driver | PRODUCTION | 1 | 4V to 12.6V | 12.6 | High-Side P Drive, Low-Side N Drive | 0.3 | 3.2n, 8n | 12n | High-Speed, 7.6A, Single MOSFET Driver with TTL Input Logic Levels |
| **MAX5048B** | 7.6A, 12ns, SOT23/TDFN MOSFET Driver | PRODUCTION | 1 | 4V to 12.6V | 12.6 | High-Side P Drive, Low-Side N Drive | 0.3 | 3.2n, 8n | 12n | High-Speed, 7.6A, Single MOSFET Driver with TTL Input Logic Levels |
| **MAX626** | Dual-Power MOSFET Drivers | PRODUCTION | 2 | 4.5V to 18V | 18 | High-Side P Drive, Low-Side N Drive | 15 | 20n, 20n | - | Dual-Power MOSFET Driver (Inverting) |

| | Description | Product Lifecycle | Switches typ | Supply Voltage Range | Vin max | Device Configuration | Ron max | Output typ Rise/Fall Time | Prop max Delay | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX627** | Dual-Power MOSFET Drivers | PRODUCTION | 2 | 4.5V to 18V | 18 | High-Side P Drive, Low-Side N Drive | 15 | 20n, 20n | - | Dual-Power MOSFET Driver (Noninverting) |
| **MAX628** | Dual-Power MOSFET Drivers | PRODUCTION | 2 | 4.5V to 18V | 18 | High-Side P Drive, Low-Side N Drive | 15 | 20n, 20n | - | Dual-Power MOSFET Driver (Inverting & Noninverting) |
| **TSC426** | Dual-Power MOSFET Drivers | PRODUCTION | 2 | 4.5V to 18V | 18 | High-Side P Drive, Low-Side N Drive | 15 | - | - | Dual-Power MOSFET Driver (Inverting) |
| **TSC427** | Dual-Power MOSFET Drivers | PRODUCTION | 2 | 4.5V to 18V | 18 | High-Side P Drive, Low-Side N Drive | 15 | - | - | Dual-Power MOSFET Driver (Noninverting) |
| **TSC428** | Dual-Power MOSFET Drivers | PRODUCTION | 2 | 4.5V to 18V | 18 | High-Side P Drive, Low-Side N Drive | 15 | - | - | Dual-Power MOSFET Driver (Inverting & Noninverting) |
| **LTC1981** | Single and Dual Micropower High Side Switch Controllers in SOT-23 | PRODUCTION | 1 | 1.8V to 5.5V | 7.5 | High-Side N Drive | - | - | - | Ultralow power. small |
| **MAX1822** | High-Side Power Supply | PRODUCTION | 1 | 3.5V to 16.5V | 16.5 | High-Side N Drive | - | - | - | High-Side Power Supply |
| **LTC1982** | Single and Dual Micropower High Side Switch Controllers in SOT-23 | PRODUCTION | 2 | 1.8V to 5.5V | 7.5 | High-Side N Drive | - | - | - | Ultralow power. small |
| **MAX620** | Quad, High-Side MOSFET Driver | PRODUCTION | 4 | 4.5V to 16.5V | 16.5 | High-Side P Drive, Low-Side N Drive | - | 1.7µ, 2.5µ | - | Quad, High-Side MOSFET Drivers |
| **LTC1693** | High Speed Single/Dual N-Channel MOSFET Drivers | PRODUCTION | 2 | 4.5V to 13V | 14 | High-Side N Drive | - | - | - | Two noninverting drivers.1.5A peak output current |
| **LTC1693-5** | High Speed Single P-Channel MOSFET Driver | PRODUCTION | 1 | 4.5V to 13V | 14 | High-Side P Drive | - | - | - | 1.5A peak output current |
| **LTC1710** | SMBus Dual High Side Switch | PRODUCTION | 2 | 2.7V to 6V | 5.5 | High-Side N Drive | - | - | - | Control Up to 6 Peripherals on Same Bus |
| **LTC1623** | SMBus Dual High-Side Switch Controller | PRODUCTION | 2 | 2.7V to 6V | 5.5 | High-Side N Drive | - | - | - | Control Up to 16 Peripherals on Same Bus |

| | Description | Product Lifecycle | Switches typ | Supply Voltage Range | Vin max | Device Configuration | Ron max | Output Rise/Fall Time typ | Prop Delay max | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX1614** | High-Side, n-Channel MOSFET Switch Driver | PRODUCTION | 1 | 5V to 26V | 26 | High-Side N Drive | - | - | - | High-Side, N-Channel MOSFET Switch Driver |
| **LTC1477** | Single and Dual Protected High Side Switches | PRODUCTION | 1 | 2.7V to 6V | 7 | High-Side N Drive | - | - | - | Good for Subsystem Power Switches |
| **LTC1478** | Single and Dual Protected High Side Switches | PRODUCTION | 2 | 2.7V to 6V | 7 | High-Side N Drive | - | - | - | Good for Subsystem Power Switches |
| **LT1161** | Quad Protected High-Side MOSFET Driver | PRODUCTION | 4 | 8V to 48V | 60 | High-Side N Drive | - | - | - | Short Circuit Protection with Restart Timers. single driver:LT1910 |
| **LTC1163** | Triple 1.8V to 6V High-Side MOSFET Drivers | PRODUCTION | 3 | 1.8V to 6V | 6 | High-Side N Drive | - | - | - | Good for 2 Cell Battery Management |
| **MAX4426** | Dual High-Speed, 1.5A MOSFET Drivers | PRODUCTION | 2 | 4.5V to 18V | 18 | High-Side P Drive, Low-Side N Drive | 10 | 20n, 20n | - | Dual High-Speed 1.5A MOSFET Drivers |
| **MAX4427** | Dual High-Speed, 1.5A MOSFET Drivers | PRODUCTION | 2 | 4.5V to 18V | 18 | High-Side P Drive, Low-Side N Drive | 10 | 20n, 20n | - | Dual High-Speed 1.5A MOSFET Drivers |
| **MAX4428** | Dual High-Speed, 1.5A MOSFET Drivers | PRODUCTION | 2 | 4.5V to 18V | 18 | High-Side P Drive, Low-Side N Drive | 10 | 20n, 20n | - | Dual High-Speed 1.5A MOSFET Drivers |
| **MAX4420** | High-Speed, 6A MOSFET Driver (Noninverting) | PRODUCTION | 1 | 4.5V to 18V | 18 | High-Side P Drive, Low-Side N Drive | 2.5 | 25n, 25n | - | High-Speed, 6A Single MOSFET Drivers |
| **MAX4429** | High-Speed, 6A MOSFET Driver (Noninverting) | PRODUCTION | 1 | 4.5V to 18V | 18 | High-Side P Drive, Low-Side N Drive | 2.5 | 25n, 25n | - | High-Speed, 6A Single MOSFET Drivers |
| **LTC1255** | Dual 24V High-Side MOSFET Driver | PRODUCTION | 2 | 9V to 24V | 30 | High-Side N Drive | - | - | - | Good for 24V Automotive Operation |
| **LTC1157** | 3.3V Dual Micropower High-Side/Low-Side MOSFET Driver | PRODUCTION | 2 | 2.7V to 7V | 7 | High-Side N Drive | - | - | - | 3.3V or 5V Operation, Low Cost |
| **LTC1154** | High-Side Micropower MOSFET Driver | PRODUCTION | 1 | 4.5V to 18V | 22 | High-Side N Drive | - | - | - | Short Circuit Protection |

| | Description | Product Lifecycle | Switches typ | Supply Voltage Range | Vin max | Device Configuration | Ron max | Output Rise/Fall Time typ | Prop Delay max | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **LTC1156** | Quad High Side Micropower MOSFET Driver with Internal Charge Pump | PRODUCTION | 4 | 4.5V to 18V | 22 | High-Side N Drive | - | - | - | Quad Version of LTC1154 |
| **LTC1155** | Dual High Side Micropower MOSFET Driver | PRODUCTION | 2 | 4.5V to 18V | 22 | High-Side N Drive | - | - | - | Dual Version of LTC1154 |
| **ICL7667** | Dual-Power MOSFET Driver (Inverting) | PRODUCTION | 2 | 4.5 to 17 | 17 | Low-Side N Drive | - | - | - | Dual Power MOSFET Driver |

# Hot Swap Controllers

| Parts | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC4287** | High Power Positive Hot Swap Controller with Power Monitor | RECOMMENDED FOR NEW DESIGNS | 1 | 6.5 | 80 | 6.5V to 80V | Current Limit | Positive | 6mV to 20mV | 3 | 12m | PMBus, Power Monitor, SOA Control |
| **LTC4286** | High Power Positive Hot-Swap Controller with Power Monitor via PMBus | RECOMMENDED FOR NEW DESIGNS | 1 | 8.5 | 80 | 8.5V to 80V | Current Limit | Positive | 6mV to 20mV | 3 | 12m | ADC, Digital Interface, PMBus |
| **LT4239** | High Current Hot Swap Controller with Current Monitor Output | RECOMMENDED FOR NEW DESIGNS | 1 | 4 | 20 | 4V to 20V | Current Limit | Positive | 10mV | 5 | 600µ | Current Monitor Output, SOA Sharing |
| **LT4200** | 50A Hot Swap E-Fuse with Guaranteed SOA | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 15 | 2.9V to 15V | Current Limit | Positive | 57A | 12 | 1.6m | Current Monitor Output, Guaranteed SOA, Integrated FET, Integrated Rsense |
| **MAX16550** | Integrated Protection IC on 12V Bus with an Integrated MOSFET, Lossless Current Sensing, and PMBus Interface | RECOMMENDED FOR NEW DESIGNS | 1 | 8 | 13.2 | 8V to 13.2V | Circuit Breaker | Positive | Adjustable | - | - | ADC, Adjustable Current Limit Fault Delay, Analog Current Report Output, Integrated FET, Programmable Soft start, Requires No RSENSE, SOA Control, Undervoltage/Overvoltage Protection, VariableSpeed/BiLevel Current Limit |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX16550A** | Integrated Protection IC on 12V Bus with an Integrated MOSFET, Lossless Current Sensing, and PMBus Interface | PRODUCTION | 1 | 8 | 13.2 | 8V to 13.2V | Circuit Breaker | Positive | Adjustable | - | - | ADC, Adjustable Current Limit Fault Delay, Analog Current Report Output, Integrated FET, Programmable Soft start, Requires No RSENSE, SOA Control, Undervoltage/Overvoltage Protection, VariableSpeed/BiLevel Current Limit |
| **MAX16550B** | Integrated Protection IC on 12V Bus with an Integrated MOSFET, Lossless Current Sensing, and PMBus Interface | PRODUCTION | 1 | 10.8 | 13.2 | 10.8V to 13.2V | Circuit Breaker | Positive | Adjustable | - | - | ADC, Analog Current Report Output, Integrated FET, Output UVP, Programmable Soft start, Requires No RSENSE |
| **LTC4238** | High Voltage High Current Hot Swap Controller | LAST TIME BUY | 1 | 6.5 | 80 | 6.5V to 80V | Current Limit | Positive | 6mV to 20mV | 3 | 3m | SOA Sharing |
| **MAX16543** | Integrated Protection IC on a High-Power 12V Bus with an Integrated MOSFET and Lossless Current Sensing | PRODUCTION | 1 | 8 | 13.2 | 8V to 13.2V | Circuit Breaker | Positive | Adjustable | - | - | Analog Current Report Output, Integrated FET, Programmable Soft start, Requires No RSENSE |
| **MAX16545B** | Integrated Protection IC on 12V Bus with an Integrated MOSFET, Lossless Current Sensing, and PMBus Interface | PRODUCTION | 1 | 10.8 | 13.2 | 10.8V to 13.2V | Circuit Breaker | Positive | Adjustable | - | - | ADC, Adjustable Current Limit Fault Delay, Analog Current Report Output, Integrated FET, Programmable Soft start, Requires No RSENSE, SOA Control, Undervoltage/Overvoltage Protection |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX16545C** | Integrated Protection IC on 12V Bus with an Integrated MOSFET, Lossless Current Sensing, and PMBus Interface | PRODUCTION | 1 | 10.8 | 13.2 | 10.8V to 13.2V | Circuit Breaker | Positive | Adjustable | - | - | ADC, Adjustable Current Limit Fault Delay, Analog Current Report Output, Integrated FET, Output UVP, Programmable Soft start, Requires No RSENSE |
| **MAX15093** | 2.7V to 18V, 15A, Hot-Swap Solution with Current Report Output | PRODUCTION | 1 | 2.7 | 18 | 2.7V to 18V | Current Limit | Positive | Adjustable | - | - | Analog Current Report Output, Integrated FET, Programmable Soft start, Requires No RSENSE, SOA Control, Undervoltage/Overvoltage Protection, VariableSpeed/BiLevel Current Limit |
| **MAX15093A** | 2.7V to 18V, 15A, Hot-Swap Solution with Current Report Output | PRODUCTION | 1 | 2.7 | 18 | 2.7V to 18V | Current Limit | Positive | Adjustable | - | - | Analog Current Report Output, Integrated FET, Programmable Soft start, Requires No RSENSE, SOA Control, Undervoltage/Overvoltage Protection, VariableSpeed/BiLevel Current Limit |
| **MAX15095** | 2.7V to 18V, 6.6A Integrated Hot-Swap/Electronic Circuit Breaker | PRODUCTION | 1 | 2.7 | 18 | 2.7V to 18V | Current Limit | Positive | Adjustable | - | - | Adjustable Current Limit Fault Delay, Analog Current Report Output, Integrated FET, Programmable Soft start, Requires No RSENSE, SOA Control, Undervoltage/Overvoltage Protection, VariableSpeed/BiLevel Current Limit |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX15095A** | 2.7V to 18V, 6.6A Integrated Hot-Swap/Electronic Circuit Breaker | PRODUCTION | 1 | 2.7 | 18 | 2.7V to 18V | Current Limit | Positive | Adjustable | - | - | Adjustable Current Limit Fault Delay, Analog Current Report Output, Integrated FET, Programmable Soft start, Requires No RSENSE, SOA Control, Undervoltage/Overvoltage Protection, VariableSpeed/BiLevel Current Limit |
| **MAX15095D** | 2.7V to 18V, 6.6A Integrated Hot-Swap/Electronic Circuit Breaker | PRODUCTION | 1 | 2.7 | 18 | 2.7V to 18V | Current Limit | Positive | Adjustable | - | - | Adjustable Current Limit Fault Delay, Analog Current Report Output, Integrated FET, Programmable Soft start, Requires No RSENSE, SOA Control, Undervoltage/Overvoltage Protection, VariableSpeed/BiLevel Current Limit |
| **LTC4283** | Negative Voltage Hot Swap Controller with Energy Monitor | RECOMMENDED FOR NEW DESIGNS | 1 | -12 | -100 | -12V to -100V | Current Limit | Negative | 15mV to 30mV | 2 | 2.5m | ADC, Energy Monitor |
| **LTC4284** | High Power Negative Voltage Hot Swap Controller with Energy Monitor | RECOMMENDED FOR NEW DESIGNS | 1 | -12 | -100 | -12V to -100V | Current Limit | Negative | 15mV to 30mV | 2 | 2.5m | ADC, Energy Monitor |
| **ADM1272** | High Voltage Positive Hot Swap Controller and Digital Power Monitor with PMBus | NOT RECOMMENDED FOR NEW DESIGNS | 1 | 16 | 80 | 16V to 80V | Current Limit | Positive | 1.4mV to 29mV | 2.3 | 5.3m | ADC, Digital Interface, PMBus |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTM9100** | Anyside™ High Voltage Isolated Switch Controller with I2C Command and Telemetry | PRODUCTION | 1 | - | - | - | - | - | 50mV | 10 | 50m | ADC, Digital Interface, Galvanic Isolation |
| **LTC4380** | Low Quiescent Current Surge Stopper | RECOMMENDED FOR NEW DESIGNS | 1 | 4 | 72 | 4V to 72V | Current Limit | Positive | 50mV | 10 | 8µ | Low Iq, Surge Stopper |
| **LTC4236** | Dual Ideal Diode-OR and Single Hot Swap Controller with Current Monitor | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 18 | 2.9V to 18V | Current Limit | Positive | 25mV | 10 | 2.7m | Current Monitor Output, Ideal Diode |
| **LTC4281** | Hot Swap Controller with I2C Compatible Monitoring | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 33 | 2.9V to 33V | Current Limit | Positive | 12.5mV to 34.37mV | 2 | 3.5m | ADC, Digital Interface, EEPROM |
| **LTC4235** | Dual 12V Ideal Diode-OR and Single Hot Swap Controller with Current Monitor | RECOMMENDED FOR NEW DESIGNS | 1 | 9 | 14 | 9V to 14V | Current Limit | Positive | 25mV | 10 | 2.7m | Current Monitor Output, Ideal Diode |
| **LTC4282** | High Current Hot Swap Controller with I2C Compatible Monitoring | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 33 | 2.9V to 33V | Current Limit | Positive | 12.5mV to 34.37mV | 2 | 3.5m | ADC, Digital Interface, EEPROM, SOA Sharing |
| **LTC4233** | 10A Guaranteed SOA Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 15 | 2.9V to 15V | Current Limit | Positive | 11.2A | 11 | 1.6m | Guaranteed SOA, Integrated FET, Integrated Rsense |
| **LTC4234** | 20A Guaranteed SOA Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 15 | 2.9V to 15V | Current Limit | Positive | 22.5A | 11 | 1.6m | Guaranteed SOA, Integrated FET, Integrated Rsense |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC4231** | Micropower Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7 | 36 | 2.7V to 36V | Current Limit | Positive | 50mV | 6 | 4µ | Low Iq |
| **LTC4232-1** | 5A Integrated Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 15 | 2.9V to 15V | Current Limit | Positive | 5.6A | 10 | 1.6m | Current Monitor Output, Integrated FET, Integrated Rsense |
| **ADM1278** | Hot Swap Controller and Digital Power and Energy Monitor with PMBus Interface | NOT RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 20 | 4.5V to 20V | Current Limit | Positive | 4mV to 24mV | 2.7 | 4.7m | ADC, Digital Interface, PMBus |
| **MAX15096A** | 2.7V to 18V, 6A Integrated Hot-Swap/Electronic Circuit Breaker | PRODUCTION | 1 | 2.7 | 18 | 2.7V to 18V | Circuit Breaker | Positive | Adjustable | - | - | - |
| **ADM1270** | High Voltage Input Protection Device | RECOMMENDED FOR NEW DESIGNS | 1 | 4 | 60 | 4V to 60V | Current Limit | Positive | 12.5mV to 62.5mV | 6 | 360m | - |
| **MAX15068** | Dual ORing, Single Hot-Swap Controller with Accurate Current Monitoring | PRODUCTION | 1 | 3.7 | 18 | 3.7V to 18V | Circuit Breaker | Positive | Adjustable | - | - | Adjustable Current Limit Fault Delay, Analog Current Report Output, Programmable Soft start, SOA Control, VariableSpeed/BiLevel Current Limit |
| **LTC4229** | Ideal Diode and Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 18 | 2.9V to 18V | Current Limit | Positive | 25mV | 10 | 2m | Ideal Diode |
| **LTC4226** | Wide Operating Range Dual Hot Swap Controller | PRODUCTION | 2 | 4.5 | 44 | 4.5V to 44V | Current Limit | Positive | 50mV | 10 | 700µ | - |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC4228** | Dual Ideal Diode and Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 2 | 2.9 | 18 | 2.9V to 18V | Current Limit | Positive | 50mV | 5 | 2.5m | Ideal Diode |
| **LTC4364** | Surge Stopper with Ideal Diode | RECOMMENDED FOR NEW DESIGNS | 1 | 4 | 80 | 4V to 80V | Current Limit | Positive | 50mV | 10 | 370µ | Ideal Diode, Surge Stopper |
| **MAX34565** | 12V Hot-Plug Switch in TDFN Package | PRODUCTION | 1 | 9 | 13.2 | 9V to 13.2V | Current Limit | Positive | Adjustable | - | - | Integrated FET, Requires No RSENSE, Undervoltage/Overvoltage Protection |
| **LT4363** | High Voltage Surge Stopper with Current Limit | RECOMMENDED FOR NEW DESIGNS | 1 | -60 | 100 | 4V to 80V | Current Limit | Positive | 50mV | 10 | 700µ | Surge Stopper |
| **LTC4232** | 5A Integrated Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 15 | 2.9V to 15V | Current Limit | Positive | 5.6A | 10 | 1.6m | Current Monitor Output, Integrated FET, Integrated Rsense |
| **ADM1075** | −48 V Hot Swap Controller and Digital Power Monitor with PMBus Interface | NOT RECOMMENDED FOR NEW DESIGNS | 1 | -35 | -80 | -35V to -80V | Current Limit | Negative | 1.25mV to 24.25mV | 2.8 | 4.2m | ADC, Digital Interface, PMBus |
| **ADM1276** | Hot Swap Controller and Digital Power and Energy Monitoringwith PMBus Interface | LAST TIME BUY | 1 | 2 | 20 | 2V to 20V | Current Limit | Positive | 4mV to 24mV | 3.5 | 3.2m | ADC, Digital Interface, PMBus |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC4227** | Dual Ideal Diode and Single Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 18 | 2.9V to 18V | Current Limit | Positive | 50mV | 5 | 2m | Ideal Diode |
| **MAX34561** | 12V/5V Hot-Plug Switch | PRODUCTION | 2 | 9 | 13.2 | 9V to 13.2V | Current Limit | Positive | Adjustable | - | - | Integrated FET, Undervoltage/Overvoltage Protection |
| **MAX5977A** | 1V to 16V, Single-Channel, Hot-Swap Controllers with Precision Current-Sensing Output | PRODUCTION | 1 | 1 | 16 | 1V to 16V | Circuit Breaker | Positive | Adjustable | - | - | On-Board Charge Pumps to Drive External, VariableSpeed/BiLevel Current Limit |
| **MAX5977B** | 1V to 16V, Single-Channel, Hot-Swap Controllers with Precision Current-Sensing Output | PRODUCTION | 1 | 1 | 16 | 1V to 16V | Circuit Breaker | Positive | Adjustable | - | - | On-Board Charge Pumps to Drive External, VariableSpeed/BiLevel Current Limit |
| **MAX5976A** | 2.7V to 18V, 7A, Hot-Swap Solutions | PRODUCTION | 1 | 2.7 | 18 | 2.7V to 18V | Circuit Breaker | Positive | Adjustable | - | - | Integrated FET, Requires No RSENSE |
| **MAX5976B** | 2.7V to 18V, 7A, Hot-Swap Solutions | PRODUCTION | 1 | 2.7 | 18 | 2.7V to 18V | Circuit Breaker | Positive | Adjustable | - | - | Integrated FET, Requires No RSENSE |
| **ADM1275** | Hot-Swap Controller and Digital Power Monitor with PMBus Interface | NOT RECOMMENDED FOR NEW DESIGNS | 1 | 2 | 20 | 2V to 20V | Current Limit | Positive | 4mV to 24mV | 3.5 | 3.2m | ADC, Digital Interface, PMBus |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX5978** | 0 to 16V, Hot-Swap Controller with 10-Bit Current, Voltage Monitor, and 4 LED Drivers | PRODUCTION | 1 | 2.7 | 16 | 2.7V to 16V | Circuit Breaker | Positive | Adjustable | - | - | ADC, VariableSpeed/BiLevel Current Limit |
| **LTC4219** | 5A Integrated Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 15 | 2.9V to 15V | Current Limit | Positive | 5.6A | 10 | 1.6m | Current Monitor Output, Integrated FET, Integrated Rsense |
| **LTC4362** | 1.2A Overvoltage/Overcurrent Protector | RECOMMENDED FOR NEW DESIGNS | 1 | 2.5 | 28 | 2.5V to 5.5V | Current Limit | Positive | 1.5A | 20 | 220µ | Integrated FET, Integrated Rsense |
| **LTC4280** | Hot Swap Controller with I2C Compatible Monitoring | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 15 | 2.9V to 15V | Current Limit | Positive | 25mV | 10 | 3m | ADC, Digital Interface |
| **LTC4361** | Overvoltage/Overcurrent Protection Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.5 | 80 | 2.5V to 5.5V | Current Limit | Positive | 50mV | 10 | 220µ | - |
| **MAX5970** | 0V to 16V, Dual Hot-Swap Controller with 10-Bit Current and Voltage Monitor and 4 LED Drivers | PRODUCTION | 2 | 2.7 | 16 | 2.7V to 16V | Circuit Breaker | Positive | 25mV to 100mV | - | - | ADC |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LT4356MP-1** | Surge Stopper | RECOMMENDED FOR NEW DESIGNS | 1 | -60 | 100 | 4V to 80V | Current Limit | Positive | 50mV | 15 | 1m | Surge Stopper |
| **LT4356MP-2** | Surge Stopper | RECOMMENDED FOR NEW DESIGNS | 1 | -60 | 100 | 4V to 80V | Current Limit | Positive | 50mV | 15 | 1m | Surge Stopper |
| **LT4356-3** | Surge Stopper with Fault Latchoff | RECOMMENDED FOR NEW DESIGNS | 1 | -60 | 100 | 4V to 80V | Current Limit | Positive | 50mV | 10 | 1m | Surge Stopper |
| **LTC4222** | Dual Hot Swap Controller with I2C Compatible Monitoring | PRODUCTION | 2 | 2.9 | 29 | 2.9V to 29V | Current Limit | Positive | 50mV | 5 | 3m | ADC, Digital Interface |
| **LTC4217** | 2A Integrated Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 26.5 | 2.9V to 26.5V | Current Limit | Positive | 2A | 7.5 | 1.6m | Current Monitor Output, Integrated FET, Integrated Rsense |
| **LTC4224** | Compact Dual Low Voltage Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 2 | 1 | 6 | 1V to 6V | Current Limit | Positive | 25mV | 10 | 1.4m | - |
| **DS4560** | 12V Hot-Plug Switch | PRODUCTION | 1 | 9 | 13.2 | 9V to 13.2V | Current Limit | Positive | - | - | - | Integrated FET, Undervoltage/Overvoltage Protection |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX5961** | 0 to 16V, Quad, Hot-Swap Controller with 10-Bit Current and Voltage Monitor | PRODUCTION | 4 | 2.7 | 16 | 2.7V to 16V | Circuit Breaker | Positive | 25mV to 100mV | - | - | ADC |
| **MAX5927A** | Low-Voltage, Quad, Hot-Swap Controllers/Power Sequencers | PRODUCTION | 4 | 1 | 13.2 | 1V to 13.2V | Current Limit | Positive | - | - | - | - |
| **LTC4218** | Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 26.5 | 2.9V to 26.5V | Current Limit | Positive | 15mV | 5 | 1.6m | Current Monitor Output |
| **LTC4223** | Dual Supply Hot Swap Controller for Advanced Mezzanine Card | RECOMMENDED FOR NEW DESIGNS | 2 | - | - | 12V, 3.3V | Current Limit | Positive | 50mV (12), 240mA (3.3 aux) | 5 | 800µ | Current Monitor Output |
| **LT4356-1** | Surge Stopper | RECOMMENDED FOR NEW DESIGNS | 1 | -60 | 100 | 4V to 80V | Current Limit | Positive | 50mV | 10 | 1m | Surge Stopper |
| **LT4356-2** | Surge Stopper | RECOMMENDED FOR NEW DESIGNS | 1 | -60 | 100 | 4V to 80V | Current Limit | Positive | 50mV | 10 | 1m | Surge Stopper |
| **ADM1070** | - 48 V Hot Swap Controller in SOT-23 with Linear Current Limiting | PRODUCTION | 1 | -18 | -80 | -18V to -80V | Current Limit | Negative | 88mV | 14 | 850µ | - |
| **ADM1170** | 1.6 V to 16.5 V Hot Swap Controller | PRODUCTION | 1 | 1.6 | 16.5 | 1.6V to 16.5V | Current Limit | Positive | 50mV | 12 | 650m | - |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM1171** | 2.7 V to 16 V Hot Swap Controller with Current Sense Output | PRODUCTION | 1 | 2.7 | 16.5 | 2.7V to 16.5V | Current Limit | Positive | 50mV | 12 | 650m | Current Monitor |
| **ADM1172** | 2.7 V to 16.5 V Hot Swap Controller with Power-Fail Comparator | PRODUCTION | 1 | 2.7 | 16.5 | 2.7V to 16.5V | Current Limit | Positive | 50mV | 12 | 650m | - |
| **ADM4210** | Low Voltage Hot Swap Controller in 6-pin TSOT Package | PRODUCTION | 1 | 2.7 | 16.5 | 2.7V to 16.5V | Current Limit | Positive | 50mV | 12 | 650m | - |
| **ADM1177** | Hot Swap Controller and Digital Power Monitor with Soft Start Pin | PRODUCTION | 1 | 3.15 | 16.5 | 3.15V to 16.5V | Current Limit | Positive | 100mV | 3 | 1.7m | ADC, Digital Interface |
| **ADM1175** | Hot Swap Controller and Digital Power Monitor with Convert Pin | PRODUCTION | 1 | 3.15 | 16.5 | 3.15V to 16.5V | Current Limit | Positive | 100mV | 3 | 1.7m | ADC, Digital Interface |
| **ADM1176** | Hot Swap Controller and I2C® Power Monitor | PRODUCTION | 1 | 3.15 | 16.5 | 3.15V to 16.5V | Current Limit | Positive | 100mV | 3 | 1.7m | ADC, Digital Interface |
| **ADM1178** | Hot Swap Controller and Digital Power Monitor with ALERTB Output | PRODUCTION | 1 | 3.15 | 16.5 | 3.15V to 16.5V | Current Limit | Positive | 100mV | 3 | 1.7m | ADC, Digital Interface |
| **LTC4242** | Dual Slot Hot Swap Controller for PCI Express | RECOMMENDED FOR NEW DESIGNS | 6 | - | - | 12V, 3.3V | Current Limit | Positive | 50mV (3.3,12), 550mA (3.3 aux) | 10 | 1.6m | - |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC4245** | Multiple Supply Hot Swap Controller with I2C Compatible Monitoring | LAST TIME BUY | 4 | - | - | 12V, 3.3V, 5V | Current Limit | Positive | 25mV (3.3,5), 50mV (±12) | 10 | 3m | ADC, Digital Interface | |
| **MAX5954** | Single PCI Express, Hot-Plug Controller | PRODUCTION | 1 | - | - | 12V, 3.3V, 3.3V Auxiliary | Current Limit | - | - | - | - | - | |
| **ADM1073** | -48 V Full Feature Hot Swap Controller | PRODUCTION | 1 | -18 | -80 | -18V to -80V | Current Limit | Negative | 90mV | 4.4 | 300m | - | |
| **LTC4215-1/-3** | Hot Swap Controller with I2C Compatible Monitoring | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 15 | 2.9V to 15V | Current Limit | Positive | 25mV | 10 | 3m | Digital Interface | |
| **LTC4215/-2** | Hot Swap Controller with I2C Compatible Monitoring | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 15 | 2.9V to 15V | Current Limit | Positive | 25mV | 10 | 3m | ADC, Digital Interface | |
| **MAX5955** | Low-Voltage, Dual Hot-Swap Controllers with Independent On/Off Control | PRODUCTION | 2 | 1 | 13.2 | 1V to 13.2V | Current Limit | Positive | 25mV | - | - | Undervoltage/Overvoltage Protection | |
| **MAX5956** | Low-Voltage, Dual Hot-Swap Controllers with Independent On/Off Control | PRODUCTION | 2 | 1 | 13.2 | 1V to 13.2V | Current Limit | Positive | 25mV | - | - | Requires No RSENSE | |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC4261** | Negative Voltage Hot Swap Controllers with ADC and I²C Monitoring | PRODUCTION | 1 | -12 | -100 | -12V to -100V | Current Limit | Negative | 50mV | 10 | 2m | ADC, Digital Interface |
| **LTC4213** | No RSENSE™ Electronic Circuit Breaker | PRODUCTION | 1 | 0 | 6 | 0V to 6V | Current Limit | Positive | 25mV, 50mV, 100mV | 10 | 1.6m | No Rsense |
| **LTC4216** | Ultralow Voltage Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 0 | 6 | 0V to 6V | Current Limit | Positive | 25mV | 14 | 1.6m | - |
| **MAX5946** | Dual PCI Express, Hot-Plug Controller | PRODUCTION | 2 | 3 | 13.2 | 3V to 13.2V | Current Limit | Positive | - | - | - | Dual PCI-Express |
| **MAX5949** | -48V Hot-Swap Controllers with External RSENSE | PRODUCTION | 1 | -20 | -80 | -20V to -80V | Current Limit | Negative | 50mV | - | - | Pin-and-Function Compatible with LT4250 |
| **LTC4260** | Positive High Voltage Hot Swap Controller with I2C Compatible Monitoring | RECOMMENDED FOR NEW DESIGNS | 1 | 8.5 | 80 | 8.5V to 80V | Current Limit | Positive | 50mV | 10 | 2m | ADC, Digital Interface |
| **MAX5948B** | -48V Hot-Swap Controllers with External RSENSE | PRODUCTION | 1 | -20 | -80 | -20V to -80V | Current Limit | Negative | - | - | - | Pin- and Function-Compatible with LT1640AH/LT1640H |
| **MAX5924** | 1V to 13.2V, n-Channel Hot-Swap Controllers Require No Sense Resistor | PRODUCTION | 1 | 1 | 13.2 | 1V to 13.2V | Circuit Breaker | Positive | 10mV to 500mV | - | - | Requires No RSENSE |
| **MAX5925** | 1V to 13.2V, n-Channel Hot-Swap Controllers Require No Sense Resistor | PRODUCTION | 1 | 1 | 13.2 | 1V to 13.2V | Circuit Breaker | Positive | 10mV to 500mV | - | - | Requires No RSENSE |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX5926** | 1V to 13.2V, n-Channel Hot-Swap Controllers Require No Sense Resistor | PRODUCTION | 1 | 1 | 13.2 | 1V to 13.2V | Circuit Breaker | Positive | 10mV to 500mV | - | - | Requires No RSENSE |
| **MAX5944** | Dual FireWire Current Limiter and Low-Drop ORing Switch Controller | RECOMMENDED FOR NEW DESIGNS | 2 | 7.5 | 37 | 7.5V to 37V | Current Limit | Positive | - | - | - | Dual Firewire Controller |
| **MAX5943** | FireWire Current Limiter and Low-Drop ORing Switch Controller | PRODUCTION | 1 | 7.5 | 37 | 7.5V to 37V | Circuit Breaker, Current Limit | Positive | Adjustable | - | - | Single Firewire Controller |
| **MAX5938** | -48V Hot-Swap Controller with VIN Step Immunity, No RSENSE, and Overvoltage Protection | PRODUCTION | 1 | -10 | -80 | -10V to -80V | Circuit Breaker | Negative | Adjustable | - | - | - |
| **LTC4221** | Dual Hot Swap Controller/Power Sequencer with Dual Speed, Dual Level Fault Protection | RECOMMENDED FOR NEW DESIGNS | 2 | 1 | 13 | 1V to 13V, 2.7V to 13V | Current Limit | Positive | 25mV | 18 | 2.2m | - |
| **MAX5932** | Positive High-Voltage, Hot-Swap Controller | PRODUCTION | 1 | 9 | 80 | 9V to 80V | Current Limit | Positive | - | - | - | - |
| **MAX5934** | Positive High-Voltage, Hot-Swap Controllers with Selectable Fault Management and Status Polarity | PRODUCTION | 1 | 9 | 80 | 9V to 80V | Current Limit | Positive | - | - | - | - |
| **MAX5947** | Positive High-Voltage, Hot-Swap Controllers | PRODUCTION | 1 | 9 | 80 | 9V to 80V | Current Limit | Positive | - | - | - | - |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LT4256-1/-2** | Positive High Voltage Hot Swap Controllers | PRODUCTION | 1 | 10.8 | 80 | 10.8V to 80V | Current Limit | Positive | 55mV | 18 | 1.8m | - |
| **LT4256-3** | Positive High Voltage Hot Swap Controller with Open-Circuit Detect | RECOMMENDED FOR NEW DESIGNS | 1 | 10.8 | 80 | 10.8V to 80V | Current Limit | Positive | 55mV | 18 | 1.8m | - |
| **MAX5930** | Low-Voltage, Triple, Hot-Swap Controllers/Power Sequencers/Voltage Trackers | PRODUCTION | 3 | 1 | 13.2 | 1V to 13.2V | Current Limit | Positive | 25mV | - | - | - |
| **LTC4244** | Rugged, CompactPCI Bus Hot Swap Controllers | PRODUCTION | 4 | - | - | ±12V, 3.3V, 5V | Current Limit | Both | 52mV | 14 | 4m | - |
| **MAX5921** | -48V Hot-Swap Controllers with External RSENSE and High Gate Pulldown Current | PRODUCTION | 1 | -20 | -80 | -20V to -80V | Current Limit | Negative | 50mV | - | - | Undervoltage/Overvoltage Protection |
| **MAX5939** | -48V Hot-Swap Controllers with External RSENSE and High Gate Pulldown Current | PRODUCTION | 1 | -20 | -80 | -20V to -80V | Current Limit | Negative | 50mV | - | - | - |
| **MAX5920** | -48V Hot-Swap Controller with External RSENSE | PRODUCTION | 1 | -20 | -80 | -20V to -80V | Current Limit | Negative | 50mV | - | - | Undervoltage/Overvoltage Protection |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX5927** | Low-Voltage, Quad, Hot-Swap Controllers/Power Sequencers | PRODUCTION | 4 | 1 | 13.2 | 1V to 13.2V | Current Limit | Positive | 25mV | - | - | - |
| **LTC4240** | CompactPCI Hot Swap Controller with I2C Compatible Interface | PRODUCTION | 4 | - | - | ±12V, 3.3V, 5V | Current Limit | Both | 55mV | 9 | 3m | Digital Interface |
| **MAX5923** | +60V Simple Swapper Hot-Swap Switch | PRODUCTION | 1 | 16 | 60 | 16V to 60V | Current Limit | Positive | - | - | - | Integrated FET, Undervoltage/Overvoltage Protection |
| **LT1640A** | Negative Voltage Hot Swap Controller | PRODUCTION | 1 | -10 | -80 | -10V to -80V | Current Limit | Negative | 50mV | 20 | 1.3m | - |
| **LT4254** | Positive High Voltage Hot Swap Controller with Open-Circuit Detect | PRODUCTION | 1 | 10.8 | 36 | 10.8V to 36V | Current Limit | Positive | 50mV | 20 | 1.9m | - |
| **LTC4212** | Hot Swap Controller with Power-Up Timeout | PRODUCTION | 1 | 2.5 | 16.5 | 2.5V to 16.5V | Current Limit | Positive | 50mV | 20 | 1m | - |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC4214** | Negative Voltage Hot Swap Controllers | RECOMMENDED FOR NEW DESIGNS | 1 | 0 | -16 | 0V to -16V | Current Limit | Negative | 50mV | 12 | 800µ | - |
| **LTC4241** | PCI-Bus with 3.3V Auxiliary Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 5 | - | - | ±12V, 3.3V, 5V | Current Limit | Both | 55mV (3.3,5), 850mA (12), 450mA (-12) | 27 | 2.5m | - |
| **LTC4210** | Hot Swap Controller in 6-Lead SOT-23 Package | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7 | 16.5 | 2.7V to 16.5V | Current Limit | Positive | 50mV | 12 | 650µ | - |
| **LTC4253B** | –48V Hot Swap Controller with Sequencer | RECOMMENDED FOR NEW DESIGNS | 1 | -15 | -500 | -15V to -500V | Current Limit | Negative | 50mV | 20 | 800µ | - |
| **MAX5904** | Low-Voltage, Dual Hot-Swap Controllers/Power Sequencers | PRODUCTION | 2 | 1 | 13.2 | 1V to 13.2V | Current Limit | Positive | 25mV | - | - | Undervoltage/Overvoltage Protection, VariableSpeed/BiLevel Current Limit |
| **MAX5908** | Low-Voltage, Dual Hot-Swap Controllers/Power Sequencers | PRODUCTION | 2 | 1 | 13.2 | 1V to 13.2V | Current Limit | Positive | 25mV | - | - | Undervoltage/Overvoltage Protection, VariableSpeed/BiLevel Current Limit |
| **LTC4230** | Triple Hot Swap Controller with Multifunction Current Control | RECOMMENDED FOR NEW DESIGNS | 3 | 2.7 | 16.5 | 1.7V to 15.5V, 2.375V to 16.5V, 2.7V to 16.5V | Current Limit | Positive | 50mV | 20 | 1.8m | - |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC1644** | CompactPCI Bus Hot Swap Controller | PRODUCTION | 4 | - | - | ±12V, 3.3V, 5V | Current Limit | Both | 55mV | 27 | 3m | - | |
| **LTC4252** | Negative Voltage Hot Swap Controllers | RECOMMENDED FOR NEW DESIGNS | 1 | -15 | -500 | -15V to -500V | Current Limit | Negative | 50mV | 10 | 800µ | - | |
| **MAX5900** | -100V, SOT23/TDFN, Simple Swapper Hot-Swap Controllers | PRODUCTION | 1 | -9 | -100 | -9V to -100V | Circuit Breaker | Negative | 200mV to 400mV | - | - | Requires No RSENSE | |
| **MAX5901** | -100V, SOT23/TDFN, Simple Swapper Hot-Swap Controllers | PRODUCTION | 1 | -9 | -100 | -9V to -100V | Circuit Breaker | Negative | 200mV to 400mV | - | - | Requires No RSENSE | |
| **LTC4251** | Negative Voltage Hot Swap Controllers in SOT-23 | RECOMMENDED FOR NEW DESIGNS | 1 | -15 | -500 | -15V to -500V | Current Limit | Negative | 50mV | 20 | 800µ | - | |
| **MAX5910** | +65V Simple Swapper Hot-Swap Switches | PRODUCTION | 1 | 10 | 65 | 10V to 65V | Current Limit | Positive | - | - | - | Integrated FET, Undervoltage/Overvoltage Protection | |
| **MAX5917** | +65V Simple Swapper Hot-Swap Switches | PRODUCTION | 1 | 10 | 65 | 10V to 65V | Current Limit | Positive | - | - | - | Integrated FET, Undervoltage/Overvoltage Protection | |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LT4220** | Dual Supply Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 2 | - | - | ±2.7V to ±16.5V | Current Limit | Both | 48mV, -52mV | 17 | 2.7m | - |
| **LT4250** | Negative 48V Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 1 | -18 | -80 | -18V to -80V | Current Limit | Negative | 50mV | 20 | 1.6m | - |
| **LTC4211** | Hot Swap Controller with Multifunction Current Control | RECOMMENDED FOR NEW DESIGNS | 1 | 2.5 | 16.5 | 2.5V to 16.5V | Current Limit | Positive | 50mV | 20 | 1m | - |
| **MAX5902** | +72V SOT23/TDFN Simple Swapper Hot-Swap Controllers | PRODUCTION | 1 | 9 | 72 | 9V to 72V | Circuit Breaker | Positive | 300mV to 500mV | - | - | Requires No RSENSE |
| **MAX5903** | +72V SOT23/TDFN Simple Swapper Hot-Swap Controllers | PRODUCTION | 1 | 9 | 72 | 9V to 72V | Circuit Breaker | Positive | 300mV to 500mV | - | - | Requires No RSENSE |
| **MAX5911** | -48V, Simple Swapper Hot-Swap Switches | PRODUCTION | 1 | -16 | -65 | -16V to -65V | Current Limit | Negative | - | - | - | Integrated FET, Undervoltage/Overvoltage Protection |
| **LTC1646** | CompactPCI Dual Hot Swap Controller | PRODUCTION | 2 | 2.7 | 7 | 2.7V to 7V | Current Limit | Positive | 56mV | 16 | 1.5m | - |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX4271** | 3V to 12V, Current-Limiting, Hot Swap Controllers with Autoretry, DualSpeed/BiLevel Fault Protection | PRODUCTION | 1 | 2.7 | 13.2 | 2.7V to 13.2V | Current Limit | Positive | 50mV | - | - | DualSpeed/BiLevel Current Limit |
| **MAX4272** | 3V to 12V, Current-Limiting, Hot Swap Controllers with Autoretry, DualSpeed/BiLevel Fault Protection | PRODUCTION | 1 | 2.7 | 13.2 | 2.7V to 13.2V | Current Limit | Positive | 50mV | - | - | DualSpeed/BiLevel Current Limit |
| **MAX4273** | 3V to 12V, Current-Limiting, Hot Swap Controllers with Autoretry, DualSpeed/BiLevel Fault Protection | PRODUCTION | 1 | 2.7 | 13.2 | 2.7V to 13.2V | Current Limit | Positive | 50mV | - | - | DualSpeed/BiLevel Current Limit |
| **LTC1647** | Dual Hot Swap Controllers | PRODUCTION | 2 | 2.7 | 16.5 | 2.7V to 16.5V | Current Limit | Positive | 50mV | 20 | 1m | - |
| **LTC1645** | Dual-Channel Hot Swap Controller/Power Sequencer | PRODUCTION | 2 | 1.18 | 13.2 | 1.18V to 13.2V, 2.3V to 13.2V | Current Limit | Positive | 50mV | 12 | 1.1m | - |
| **LTC1642** | Hot Swap Controller | PRODUCTION | 1 | 2.97 | 16.5 | 2.97V to 16.5V | Current Limit | Positive | 52.5mV | 20 | 1.25m | - |
| **LTC1642A** | Hot Swap Controller | PRODUCTION | 1 | 2.97 | 16.5 | 2.97V to 16.5V | Current Limit | Positive | 52.5mV | 20 | 1.25m | - |

| | Description | Product Lifecycle | Circuit Breakers typ | Vin min | Vin max | Vin Range | Circuit Breaker/ Current Limit | Positive/Negative Rail | Circuit Breaker Threshold | Circuit Breaker Accuracy typ | Isupply typ | Hot Swap Features |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX4370** | Current-Regulating Hot-Swap Controller with DualSpeed/BiLevel Fault Protection | PRODUCTION | 1 | 2.7 | 13.2 | 2.7V to 13.2V | Current Limit | Positive | 50mV | - | - | DualSpeed/BiLevel Current Limit |
| **LTC1643A** | PCI-Bus Hot Swap Controller | PRODUCTION | 4 | - | - | ±12V, 3.3V, 5V | Current Limit | Both | 53mV (5, 3.3), 850mA (12), 450mA (-12) | 24.5 | 3.5m | - |
| **LTC1422** | Hot Swap Controller | PRODUCTION | 1 | 2.55 | 13.2 | 2.55V to 13.2V | Current Limit | Positive | 50mV | 28 | 650µ | - |
| **LTC1421** | Hot Swap Controller | PRODUCTION | 2 | - | - | 2.6V to 13.2V, -5V to -12V | Current Limit | Both | 50mV | 20 | 1.5m | - |

# Ideal Diode Bridge

| Parts | Description | Product Lifecycle | Number of Outputs | Output Current Range | Vin min | Vin max | Isupply typ | Frequency Range | Ideal Diode |
|---|---|---|---|---|---|---|---|---|---|
| **LT4321** | PoE Ideal Diode Bridge Controller | RECOMMENDED FOR NEW DESIGNS | 2 | 0.1A to 100A | - | 80 | 500µ | DC | Dual Bridges with External N-Channel |
| **LT4320** | Ideal Diode Bridge Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 0.1A to 100A | - | 72 | 1.5m | DC to 60Hz | Single Bridge with External N-Channel |
| **LT4320-1** | Ideal Diode Bridge Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 0.1A to 100A | - | 72 | 1.5m | DC to 600Hz | Single Bridge with External N-Channel |

# Isolated Gate Drivers

| Parts | Description | Product Lifecycle | # Output Drivers | Iso Vout min | Iso Vout max | Iout Peak typ | Insulation Rating | CMTI min | Working Voltage max |
|---|---|---|---|---|---|---|---|---|---|
| **ADUM4177** | 40 A Source and 30 A Sink, SiC Isolated Gate Driver with Slew-Rate Control and BISTs | RECOMMENDED FOR NEW DESIGNS | 1 | -5.5 | 24 | 30 | 5.7k | 150k | 1.5k |
| **ADUM4146** | 11 A High Voltage Isolated Bipolar Gate Driver with Fault Detection, Miller Clamp | PRODUCTION | 1 | -15 | 30 | 11 | 5k | 100k | 2.15k |
| **ADUM4221** | Isolated, Half Bridge Gate Driver with Adjustable Dead Time, Dual Input, 4 A Output | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 35 | 4 | 5k | 150k | 849 |
| **ADUM4221-2** | Isolated, Half Bridge Gate Driver, Dual Input, 4 A Output | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 35 | 4 | 5k | 150k | 849 |
| **ADUM4221-1** | Isolated, Half Bridge Gate Driver with Adjustable Dead Time, Single Input, 4 A Output | RECOMMENDED FOR NEW DESIGNS | 2 | 4.5 | 35 | 4 | 5k | 150k | 849 |
| **MAX22700D** | Ultra-High CMTI Isolated Gate Drivers | RECOMMENDED FOR NEW DESIGNS | 1 | 20m | 19.95 | - | 3k | 300k | - |
| **MAX22700E** | Ultra-High CMTI Isolated Gate Drivers | RECOMMENDED FOR NEW DESIGNS | 1 | 20m | 19.95 | - | 3k | 300k | - |
| **MAX22701D** | Ultra-High CMTI Isolated Gate Drivers | RECOMMENDED FOR NEW DESIGNS | 1 | 20m | 19.95 | - | 3k | 300k | - |
| **MAX22701E** | Ultra-High CMTI Isolated Gate Drivers | RECOMMENDED FOR NEW DESIGNS | 1 | 20m | 19.95 | - | 3k | 300k | - |
| **MAX22702D** | Ultra-High CMTI Isolated Gate Drivers | RECOMMENDED FOR NEW DESIGNS | 1 | 20m | 19.95 | - | 3k | 300k | - |
| **MAX22702E** | Ultra-High CMTI Isolated Gate Drivers | RECOMMENDED FOR NEW DESIGNS | 1 | 20m | 19.95 | - | 3k | 300k | - |
| **ADUM4122** | Single Gate, Adjustable Slew Rate, Isolated Gate Driver, 3 A Short-Circuit (<3 Ω) | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 35 | 3 | 5k | 150k | 849 |
| **ADUM4137** | High Voltage, Isolated IGBT Gate Driver with Fault Detection | RECOMMENDED FOR NEW DESIGNS | 1 | 12 | 25 | 6 | 5k | 150k | 849 |

| | Description | Product Lifecycle | # Output Drivers | Iso Vout min | Iso Vout max | Iout Peak typ | Insulation Rating | CMTI min | Working Voltage max |
|---|---|---|---|---|---|---|---|---|---|
| **ADUM4138** | High Voltage, Isolated IGBT Gate Driver with Isolated Flyback Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 12 | 25 | 6 | 5k | 150k | 849 |
| **ADUM4120** | Isolated, Precision Gate Driver with 2 A Output | PRODUCTION | 1 | 4.5 | 35 | 2 | 5k | 150k | 849 |
| **ADUM4120-1** | Isolated, Precision Gate Driver with 2 A Output | PRODUCTION | 1 | 4.5 | 35 | 2 | 5k | 150k | 849 |
| **ADUM4121** | High Voltage, Isolated Gate Driver with Internal Miller Clamp, 2 A Output with Thermal Shutdown | PRODUCTION | 1 | 4.5 | 35 | 2 | 5k | 150k | 849 |
| **ADUM4121-1** | High Voltage, Isolated Gate Driver with Internal Miller Clamp, 2 A Output | PRODUCTION | 1 | 4.5 | 35 | 2 | 5k | 150k | 849 |
| **ADUM4136** | Single-/Dual-Supply, High Voltage Isolated IGBT Gate Driver | PRODUCTION | 1 | -15 | 35 | 13 | 5k | 100k | 849 |
| **ADUM3123** | Isolated Precision Gate Driver, 4 A Output | PRODUCTION | 1 | 4.5 | 18 | 4 | 3k | 25k | 537 |
| **ADUM4135** | Single/Dual-Supply High-Voltage Isolated IGBT Gate Driver with Miller Clamp | PRODUCTION | 1 | -15 | 30 | 13 | 5k | 100k | 849 |
| **ADUM3224** | 3kV rms Isolated Precision Half-Bridge Driver, 4A Output for Automotive | PRODUCTION | 2 | 4.5 | 18 | 4 | 3k | 25k | 560 |
| **ADUM4224** | 5kV rms Isolated Precision Half-Bridge Driver, 4A Output for Automotive | PRODUCTION | 2 | 4.5 | 18 | 4 | 5k | 25k | 849 |
| **ADUM7223** | Isolated Precision Half-Bridge Driver, 4 A Output | PRODUCTION | 2 | 4.5 | 18 | 4 | 2.5k | 25k | 565 |
| **ADUM3223** | 3 kV rms Isolated Precision Half-Bridge Driver, 4 A Output | PRODUCTION | 2 | 4.5 | 18 | 4 | 3k | 25k | 560 |
| **ADUM4223** | 5 KV rms Isolated Precision Half-Bridge Driver, 4 A Output | PRODUCTION | 2 | 4.5 | 18 | 4 | 5k | 25k | 849 |
| **ADUM3221** | Isolated 4 A Dual-Channel Gate Driver | PRODUCTION | 2 | 4.5 | 18 | 4 | 2.5k | 25k | 560 |
| **ADUM3220** | 4 A Dual-Channel Gate Driver | PRODUCTION | 2 | 4.5 | 18 | 4 | 2.5k | 25k | 560 |

| | Description | Product Lifecycle | # Output Drivers | Iso Vout min | Iso Vout max | Iout Peak typ | Insulation Rating | CMTI min | Working Voltage max |
|---|---|---|---|---|---|---|---|---|---|
| **ADUM7234** | Isolated Precision Half-Bridge Driver, 4 A Output | PRODUCTION | 2 | 12 | 18 | 4 | 1k | 25k | 350 |
| **ADUM6132** | Isolated Half-Bridge Driver with Integrated Isolated High-Side Supply | PRODUCTION | 1 | 12.5 | 17 | 200m | 3.75k | 50k | 560 |
| **ADUM5230** | Isolated Half-Bridge Driver with Integrated High-Side Supply | PRODUCTION | 2 | 12 | 18 | 100m | 2.5k | 25k | - |
| **ADUM1233** | Isolated, Precision Half-Bridge Driver, 0.1 A Output | PRODUCTION | 2 | 12 | 18 | 100m | 2.5k | 75k | 560 |
| **ADUM1234** | Isolated, Precision Half-Bridge Driver, 0.1 A Output | PRODUCTION | 2 | 12 | 18 | 100m | 2.5k | 75k | 560 |

# Nonvolatile RAM Controllers

| Parts | Description | Product Lifecycle | CE Cntrl. | Smart Socket w/Int. Batt. | Li Batt. Monitor | Pwr. Fail Out | RAMs Controlled | Functions | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **DS1558** | Watchdog Clocks with NV RAM Control | PRODUCTION | Yes | No | Yes | Yes | 1 | NV SRAM Control, RTC, Watchdog Timekeeper | Watchdog Clock with NV RAM Control |
| **DS1312** | Nonvolatile Controller with Lithium Battery Monitor | PRODUCTION | Yes | No | Yes | Yes | 1 | NV RAM Controller | Nonvolatile Controller with Lithium Battery Monitor |
| **DS1314** | 3V Nonvolatile Controller with Lithium Battery Monitor | PRODUCTION | Yes | No | Yes | Yes | 1 | NV RAM Controller | Nonvolatile Controller with Lithium Battery Monitor |
| **DS1321** | Flexible Nonvolatile Controller with Lithium Battery | RECOMMENDED FOR NEW DESIGNS | Yes | No | Yes | Yes | 4 | NV RAM Controller | Flexible Nonvolatile Controller with Lithium Battery |
| **DS1315** | Phantom Time Chip | PRODUCTION | Yes | No | No | No | 1 | NV SRAM Control, RTC | Phantom Time Chip |
| **MXD1210** | Nonvolatile RAM Controller | PRODUCTION | Yes | No | No | No | 1 | NV RAM Controller | Nonvolatile RAM Controller |
| **MAX1259** | Battery Manager | PRODUCTION | - | - | - | - | - | Battery Backup | Backup battery switching for CMOS RAM |

# Power Control

| Parts | Description | Product Lifecycle | Power Management Function | Comments | Power Management Features | Vin min | Vin max |
|---|---|---|---|---|---|---|---|
| **MAX22212** | 36V, 7.6A High Current Single H-Bridge with Integrated Current Sense | RECOMMENDED FOR NEW DESIGNS | Current Limit, Current Mirror, DC Motor Driver | - | 100% Duty Cycle, Current Limit, Current Monitor, Current Sensing, Output Current Limit, Output Current Monitor, Output Current Regulation, Overtemperature Protection, Short Circuit Protection, Thermal Shutdown, Undervoltage Lockout | 4.5 | 36 |
| **MAX22208** | 65V, 3.8A Quad Half H-Bridge Drivers with Integrated Current Sense | RECOMMENDED FOR NEW DESIGNS | DC Motor Driver | - | Current Sensing, Output Short Circuit Protection, Overcurrent Protection, Overtemperature Protection, Undervoltage Lockout | 4.5 | 65 |
| **MAX22213** | 36V, 3.8A Quad Half H-Bridge Drivers with Integrated Current Sense | RECOMMENDED FOR NEW DESIGNS | DC Motor Driver | - | Current Sensing, Overcurrent Protection, Overtemperature Protection, Undervoltage Lockout | 4.5 | 36 |
| **MAX22211** | 36V, 3.8A Two H-Bridge for Dual Brushed or Single Stepper Motor Drive | RECOMMENDED FOR NEW DESIGNS | Current Limit, Current Mirror, DC Motor Driver, Overcurrent Protection, PWM Controller | - | 100% Duty Cycle, Adjustable Switching Frequency, Current Limit, Current Monitor, Current Sensing, Output Current Limit, Output Current Monitor, Output Current Regulation, Output Short Circuit Protection, Overcurrent Protection, Overtemperature Protection, Short Circuit Protection, Shutdown, Thermal Shutdown, Undervoltage Lockout | 4.5 | 36 |
| **LTC7066** | 150V Half Bridge Driver with Floating Grounds and Adjustable Dead Time | RECOMMENDED FOR NEW DESIGNS | Half Bridge Driver | 150V Half-Bridge Driver with Floating Grounds and Adjustable Dead-Time | - | 5 | 140 |
| **LTC7063** | 150V Half-Bridge Driver with Floating Grounds and Adjustable Dead-Time | RECOMMENDED FOR NEW DESIGNS | Half Bridge Driver | 150V Half Bridge Driver with Floating Grounds and Adjustable Dead-Time | Shoot-Through Protection | 6 | 140 |
| **MAX22256** | Compact, 36V H-Bridge Transformer Driver for Isolated Supplies | RECOMMENDED FOR NEW DESIGNS | Transformer Driver | Compact, 36V H-Bridge Transformer Driver for Isolated Supplies | - | - | - |
| **MAX22258** | Compact, 36V H-Bridge Transformer Driver for Isolated Supplies | RECOMMENDED FOR NEW DESIGNS | Transformer Driver | Compact, 36V H-Bridge Transformer Driver for Isolated Supplies | - | - | - |

| | Description | Product Lifecycle | Power Management Function | Comments | Power Management Features | Vin min | Vin max |
|---|---|---|---|---|---|---|---|
| **MAX22204** | 65V, 3.8A Stepper Motor Driver with Integrated Current-Sense and 128 Usteps Indexer | RECOMMENDED FOR NEW DESIGNS | DC Motor Driver | 65V, 3.8A Stepper Motor Driver with Integrated Current-Sense and 128 Usteps Indexer | - | - | - |
| **MAX22205** | 65V, 7.6A High Current Single H-Bridge with Integrated Current Sense | RECOMMENDED FOR NEW DESIGNS | Bridge Driver | 65V, 7.6A High Current Single H-Bridge with Integrated Current Sense | - | - | - |
| **MAX25256** | Automotive, 36V H-Bridge Transformer Driver for Isolated Supplies | RECOMMENDED FOR NEW DESIGNS | Transformer Driver | Automotive, 36V H-Bridge Transformer Driver for Isolated Supplies | - | - | - |
| **MAX22203** | 65V, 3.8A Dual Brushed or Single Stepper Motor Driver with Integrated Current Sense | RECOMMENDED FOR NEW DESIGNS | DC Motor Driver | 65V, 3.8A Dual Brushed or Single Stepper Motor Driver with Integrated Current Sense | - | - | - |
| **MAX22200** | 36V, 1A Octal Integrated Serial-Controlled Solenoid and Motor Driver | RECOMMENDED FOR NEW DESIGNS | DC Motor Driver | 36V, 1A Octal Integrated Serial-Controlled Solenoid and Motor Driver | - | - | - |
| **LTC7062** | 100V Dual High-Side MOSFET Gate Driver | RECOMMENDED FOR NEW DESIGNS | MOSFET Driver | 100V Half-Bridge Driver with Floating Grounds | - | 6 | 100 |
| **LTC7061** | 100V Half Bridge Driver with Floating Grounds and Adjustable Dead-Time | RECOMMENDED FOR NEW DESIGNS | Half Bridge Driver | 100V Half-Bridge Driver with Floating Grounds and Adjustable Dead-Time | Shoot-Through Protection | 5 | 100 |
| **MAX22201** | 36V, 3.5A Brushed Motor Driver with Integrated Current Sense | PRODUCTION | DC Motor Driver | 36V, 3.5A Brushed Motor Driver with Integrated Current Sense | - | - | - |
| **MAX22202** | 36V, 3.5A Brushed Motor Driver with Integrated Current Sense | RECOMMENDED FOR NEW DESIGNS | DC Motor Driver | 36V, 3.5A Brushed Motor Driver with Integrated Current Sense | - | - | - |
| **MAX22207** | 36V, 3.5A Brushed Motor Driver with Integrated Current Sense | RECOMMENDED FOR NEW DESIGNS | DC Motor Driver | 36V, 3.5A Brushed Motor Driver with Integrated Current Sense | - | - | - |

| | Description | Product Lifecycle | Power Management Function | Comments | Power Management Features | Vin min | Vin max |
|---|---|---|---|---|---|---|---|
| **LTC7060** | 100V Half-Bridge Driver with Floating Grounds and Adjustable Dead-Time | RECOMMENDED FOR NEW DESIGNS | Half Bridge Driver | 100V Half-Bridge Driver with Floating Grounds and Adjustable Dead-Time | Shoot-Through Protection | -10 | 100 |
| **MAX14874** | 4.5V to 36V Dual Relay/Valve/Motor Driver | PRODUCTION | DC Motor Driver | 4.5V to 36V Dual Relay/Valve/Motor Driver | - | - | - |
| **MAX17606** | Secondary-Side Synchronous MOSFET Driver for Flyback Converters | PRODUCTION | MOSFET Driver | Secondary Side Synchronous MOSFET Driver for Flyback converters | - | 4.5 | 36 |
| **ADP1974** | Bidirectional Synchronous PWM Controller for Battery Test and Formation | RECOMMENDED FOR NEW DESIGNS | Battery Test | Bidirectional Synchronous PWM Controller for Battery Test and Formation | - | 6 | 60 |
| **LT8312** | Boost Controller with Power Factor Correction | PRODUCTION | Switching Regulator | Boost Controller with Power Factor Correction | Active PFC | 10 | 38 |
| **MAX14870** | Compact 4.5V to 36V Full-Bridge DC Motor Drivers | PRODUCTION | DC Motor Driver | Compact 4.5V to 36V Full-Bridge DC Motor Drivers | - | - | - |
| **MAX14871** | 4.5V to 36V Full-Bridge DC Motor Driver | PRODUCTION | DC Motor Driver | 4.5V to 36V Full-Bridge DC Motor Driver | - | - | - |
| **MAX14872** | Compact 4.5V to 36V Full-Bridge DC Motor Drivers | PRODUCTION | DC Motor Driver | Compact 4.5V to 36V Full-Bridge DC Motor Drivers | - | - | - |
| **LT3999** | Low Noise, 1A, 1MHz Push-Pull DC/DC Driver with Duty Cycle Control | PRODUCTION | Switching Regulator | Low Noise, 1A, 1MHz Push-Pull DC/DC Driver with Duty Cycle Control | Adjustable Switching Frequency, External Synchronization, Low EMI | 2.7 | 36 |
| **MAX31760** | Precision Fan-Speed Controller with Nonvolatile Lookup Table | PRODUCTION | Fan Speed Controller | Precision Fan-Speed Controller with Nonvolatile Lookup Table | Fan Speed Controller | - | - |
| **LT8311** | Synchronous Rectifier Controller with Opto-Coupler Driver for Forward Converters | PRODUCTION | Secondary Side Controller | LT8311 - Synchronous Rectifier Controller with Opto-Coupler Driver for Forward Converters | - | 3.7 | 30 |

| | Description | Product Lifecycle | Power Management Function | Comments | Power Management Features | Vin min | Vin max |
|---|---|---|---|---|---|---|---|
| **LT8309** | Secondary-Side Synchronous Rectifier Driver | PRODUCTION | Secondary Side Controller | Secondary-Side Synchronous Rectifier Driver | - | 4.5 | 40 |
| **ADP1972** | Buck or Boost, PWM Controller for Battery Test Solutions | RECOMMENDED FOR NEW DESIGNS | Battery Test | Buck or Boost, PWM Controller for Battery Test Solutions | - | 6 | 60 |
| **MAX258** | 500mA Push-Pull Transformer Driver for Isolated Power Supplies | PRODUCTION | Transformer Driver | 500mA Push-Pull Transformer Driver for Isolated Power Supplies | - | - | - |
| **MAX31740** | Ultra-Simple Fan-Speed Controller | RECOMMENDED FOR NEW DESIGNS | Fan Speed Controller | Ultra-Simple Fan Speed Controller | Fan Speed Controller | - | - |
| **MAX13253** | 1A Spread-Spectrum Push-Pull Transformer Driver for Isolated Power Supplies | PRODUCTION | Transformer Driver | 1A Spread-Spectrum Push-Pull Transformer Driver for Isolated Power Supplies | - | - | - |
| **ADP1046A** | Digital Controller for Isolated Power Supply Applications | RECOMMENDED FOR NEW DESIGNS | DC/DC Regulator With Power System Management | Digital Controller for Isolated Power Supply Applications | EEPROM, I2C Interface | 3 | 3.6 |
| **MAX31790** | 6-Channel PWM-Output Fan RPM Controller | PRODUCTION | Fan Speed Controller | 6-Channel PWM-Output Fan RPM Controller | Fan Speed Controller | - | - |
| **LT3799-1** | Offline Isolated Flyback LED Controller with Active PFC | PRODUCTION | Offline LED Controller | Offline Isolated Flyback LED Controller with Active PFC, Offline 4W to 100W+ LED Application | Active PFC, No Opto Isolator | - | - |
| **LT3798** | Isolated No Opto-Coupler Flyback Controller with Active PFC | PRODUCTION | Switching Regulator | Isolated No Opto-Coupler Flyback Controller with Active PFC | Active PFC, No Opto Isolator | 10 | 38 |
| **MAX17039** | Dual-Output, 3-Phase + 1-Phase Quick-PWM Controller for VR12/IMVP7 | PRODUCTION | VID Voltage Programmer | Dual-Output, 3-Phase + 1-Phase Quick-PWM Controller for VR12/IMVP7 | - | - | - |
| **ADP1048** | Digital Power Factor Correction Controller with accurate AC Power Metering | RECOMMENDED FOR NEW DESIGNS | DC/DC Regulator With Power System Management | Digital Power Factor Correction Controller with Accurate AC Power Metering | Active PFC | 3 | 3.6 |

| | Description | Product Lifecycle | Power Management Function | Comments | Power Management Features | Vin min | Vin max |
|---|---|---|---|---|---|---|---|
| **MAX13256** | 36V H-Bridge Transformer Driver for Isolated Supplies | PRODUCTION | Transformer Driver | 36V H-Bridge Transformer Driver for Isolated Supplies | - | - | - |
| **LT3799** | Offline Isolated Flyback LED Controller with Active PFC | PRODUCTION | Offline LED Controller | Offline Isolated Flyback LED Controller with Active PFC, Offline 4W to 100W+ LED Application | Active PFC, No Opto Isolator | - | - |
| **ADP1047** | Digital Power Factor Correction Controller with accurate AC Power Metering | RECOMMENDED FOR NEW DESIGNS | DC/DC Regulator With Power System Management | Digital Power Factor Correction Controller with Accurate AC Power Metering | Active PFC | 3 | 3.6 |
| **MAX31785** | 6-Channel Intelligent Fan Controller | PRODUCTION | Fan Speed Controller | 6-Channel Intelligent Fan Controller | Fan Speed Controller | - | - |
| **MAX8796** | 1-Phase, Quick-PWM Intel IMVP-6/GMCH Controllers | PRODUCTION | VID Voltage Programmer | 1-Phase, Quick-PWM Intel IMVP-6/GMCH Controllers | - | - | - |
| **MAX17028** | 1-Phase Quick-PWM Intel IMVP-6.5/GMCH Controllers | PRODUCTION | VID Voltage Programmer | 1-Phase Quick-PWM Intel IMVP-6.5/GMCH Controllers | - | - | - |
| **MAX15018** | 125V/3A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V/3A, High-Speed, Half-Bridge, MOSFET Driver | - | 8 | 12.6 |
| **MAX15018A** | 125V/3A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V/3A, High-Speed, Half-Bridge, MOSFET Driver | - | 8 | 12.6 |
| **MAX15018B** | 125V/3A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V/3A, High-Speed, Half-Bridge, MOSFET Driver | - | 8 | 12.6 |
| **MAX15019** | 125V/3A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V/3A, High-Speed, Half-Bridge, MOSFET Driver | - | 8 | 12.6 |
| **MAX15019A** | 125V/3A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V/3A, High-Speed, Half-Bridge, MOSFET Driver | - | 8 | 12.6 |

| | Description | Product Lifecycle | Power Management Function | Comments | Power Management Features | Vin min | Vin max |
|---|---|---|---|---|---|---|---|
| **MAX15019B** | 125V/3A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V/3A, High-Speed, Half-Bridge, MOSFET Driver | - | 8 | 12.6 |
| **MAX6620** | Quad Linear Fan-Speed Controller | PRODUCTION | Fan Speed Controller | 4-Channel Linear Fan-Speed Controller | Fan Speed Controller | - | - |
| **ADM1041A** | Secondary-Side Controller with Current Share and Housekeeping | NOT RECOMMENDED FOR NEW DESIGNS | Digital Power System Manager | Secondary-Side Controller with Current Share and Housekeeping | - | 4.5 | 5.5 |
| **MAX15012** | 175V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 175V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **MAX15012A** | 175V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 175V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **MAX15013** | 175V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 175V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **MAX15013A** | 175V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 175V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **MAX15013B** | 175V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 175V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **ADT7470** | Temperature Sensor Hub and Fan Controller | PRODUCTION | Fan Speed Controller, Temperature Sensor Hub | Temperature Sensor Hub and Fan Controller | Fan Speed Controller | 3 | 5.5 |
| **MAX256** | 3W Primary-Side Transformer H-Bridge Driver for Isolated Supplies | PRODUCTION | Transformer Driver | 3W Primary-Side Transformer H-Bridge Driver for Isolated Supplies | - | - | - |
| **MAX8760** | Dual-Phase, Quick-PWM Controller for AMD Mobile Turion 64 CPU Core Power Supplies | PRODUCTION | VID Voltage Programmer | Dual-Phase, Quick-PWM Controller for AMD Mobile Turion 64 CPU Core Power Supplies | - | - | - |

| | Description | Product Lifecycle | Power Management Function | Comments | Power Management Features | Vin min | Vin max |
|---|---|---|---|---|---|---|---|
| **MAX6639** | 2-Channel Temperature Monitor with Dual, Automatic, PWM Fan-Speed Controller | PRODUCTION | Fan Speed Controller | 2-Channel Temperature Monitor with Dual, Automatic, PWM Fan-Speed Controller | Fan Speed Controller | - | - |
| **MAX6615** | Dual-Channel Temperature Monitors and Fan-Speed Controllers with Thermistor Inputs | PRODUCTION | Fan Speed Controller | Dual-Channel Temperature Monitors and Fan-Speed Controller with Thermistor Inputs | Fan Speed Controller | - | - |
| **MAX5062** | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | - | 8 | 12.6 |
| **MAX5062A** | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **MAX5062B** | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **MAX5062C** | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **MAX5062D** | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **MAX5063** | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | - | 8 | 12.6 |
| **MAX5063A** | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **MAX5063B** | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |

| | Description | Product Lifecycle | Power Management Function | Comments | Power Management Features | Vin min | Vin max |
|---|---|---|---|---|---|---|---|
| **MAX5063C** | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **MAX5063D** | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **MAX5064** | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | - | 8 | 12.6 |
| **MAX5064A** | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **MAX5064B** | 125V/2A, High-Speed, Half-Bridge MOSFET Drivers | PRODUCTION | Bridge Driver | 125V 2A High-Speed Half-Bridge MOSFET Driver | - | 8 | 12.6 |
| **LT4430** | Secondary-Side Optocoupler Driver | PRODUCTION | Switching Regulator | Secondary-Side Optocoupler Driver | - | 3 | 20 |
| **MAX6641** | SMBus-Compatible Temperature Monitor with Automatic PWM Fan-Speed Controller | PRODUCTION | Fan Speed Controller | SMBus-Compatible Temperature Monitor with Automatic PWM Fan-Speed Controller | Fan Speed Controller | - | - |
| **MAX6643** | Automatic PWM Fan-Speed Controllers with Overtemperature Output | PRODUCTION | Fan Speed Controller | Automatic PWM Fan-Speed Controllers with Overtemperature Output | Fan Speed Controller | - | - |
| **MAX6644** | Automatic PWM Fan-Speed Controllers with Overtemperature Output | PRODUCTION | Fan Speed Controller | Automatic PWM Fan-Speed Controllers with Overtemperature Output | Fan Speed Controller | - | - |
| **MAX6645** | Automatic PWM Fan-Speed Controllers with Overtemperature Output | PRODUCTION | Fan Speed Controller | Automatic PWM Fan-Speed Controllers with Overtemperature Output | Fan Speed Controller | - | - |
| **LTC3900** | Synchronous Rectifier Driver for Forward Converters | PRODUCTION | Synchronous Rectifier Driver | Synchronous Rectifier Driver for Forward Converters | - | 4.5 | 11 |

| | Description | Product Lifecycle | Power Management Function | Comments | Power Management Features | Vin min | Vin max |
|---|---|---|---|---|---|---|---|
| **LTC3901** | Secondary Side Synchronous Driver for Push-Pull and Full-Bridge Converters | PRODUCTION | Synchronous Rectifier Driver | For push-pull and full-bridge converters; programmable timeout, reverse inductor current sense | - | 4.5 | 11 |
| **MAX6653** | Temperature Monitors and PWM Fan Controllers | PRODUCTION | Fan Speed Controller | Temperature Monitor and PWM Fan Controller | Fan Speed Controller | - | - |
| **MAX6663** | Temperature Monitors and PWM Fan Controllers | PRODUCTION | Fan Speed Controller | Temperature Monitor and PWM Fan Controller | Fan Speed Controller | - | - |
| **MAX6664** | Temperature Monitors and PWM Fan Controllers | PRODUCTION | Fan Speed Controller | Temperature Monitor and PWM Fan Controller | Fan Speed Controller | - | - |
| **LT3710** | Secondary Side Synchronous Post Regulator | PRODUCTION | Secondary Side Controller | Secondary side synchronous post regulator. auxiliary output in isolated power supplies. use with the | - | 8 | 24 |
| **LT3439** | Slew Rate Controlled Ultralow Noise 1A Isolated DC/DC Transformer Driver | PRODUCTION | Step-Up or Down | Slew Rate Controlled Ultralow Noise1A Isolated DC/DC Transformer Driver | Adjustable Slew Rate, Adjustable Switching Frequency, External Synchronization, Low EMI | 2.8 | 20 |
| **MAX6684** | Fan-Failure Detector with Integrated Power Switch | PRODUCTION | Fan Speed Controller | Fan Failure Detector with Integrated Power Switch | Fan Speed Controller | - | - |
| **LTC1699-80** | SMBus VID Voltage Programmers | PRODUCTION | VID Voltage Programmer | SMBus VID Programmer | - | 2.7 | 5.5 |
| **LTC1699-81** | SMBus VID Voltage Programmers | PRODUCTION | VID Voltage Programmer | SMBus VID Programmer | - | 2.7 | 5.5 |
| **LTC1699-82** | SMBus VID Voltage Programmers | PRODUCTION | VID Voltage Programmer | SMBus VID Programmer | - | 2.7 | 5.5 |
| **MAX6660** | Remote-Junction Temperature-Controlled Fan-Speed Regulator with SMBus Interface | PRODUCTION | Fan Speed Controller | Fan-Speed Regulator and Monitor with I2C/SMBus Interface | Fan Speed Controller | - | - |
| **LTC1840** | Dual Fan Controller with 2-Wire Interface | PRODUCTION | Fan Speed Controller | Dual Fan Controller with 2-Wire Interface | Fan Speed Controller | 2.7 | 5.75 |

| | Description | Product Lifecycle | Power Management Function | Comments | Power Management Features | Vin min | Vin max |
|---|---|---|---|---|---|---|---|
| **MAX5019** | Current-Mode PWM Controllers with Integrated Startup Circuit | NOT RECOMMENDED FOR NEW DESIGNS | PWM Controller | Current-Mode PWM Controllers with Integrated Startup Circuit | - | 18 | 110 |
| **MAX5020** | Current-Mode PWM Controllers with Integrated Startup Circuit | PRODUCTION | PWM Controller | Current-Mode PWM Controllers with Integrated Startup Circuit | - | 18 | 110 |
| **LTC1698** | Isolated Secondary Synchronous Rectifier Controller | PRODUCTION | Synchronous Rectifier Driver | Secondary Synchronous rectifier controller (use LT3781 for primary side) | - | 6 | 12.6 |
| **MAX6665** | Fan Controller/Driver with Factory-Programmed Temperature Thresholds | PRODUCTION | Fan Speed Controller | Fan Controller/Driver with Factory-Programmed Temperature Thresholds | Fan Speed Controller | - | - |
| **MAX6650** | Fan-Speed Regulators and Monitors with SMBus/I²C-Compatible Interface | PRODUCTION | Fan Speed Controller | Fan-Speed Regulator and Monitor with I2C/SMBus Interface | Fan Speed Controller | - | - |
| **MAX6651** | Fan-Speed Regulators and Monitors with SMBus/I²C-Compatible Interface | PRODUCTION | Fan Speed Controller | Fan-Speed Regulator and Monitor with I2C/SMBus Interface | Fan Speed Controller | - | - |
| **LTC1695** | SMBus/I²C Fan Speed Controller in SOT-23 | PRODUCTION | Fan Speed Controller | SMBus/I²C Fan Speed Controller in SOT-23 | Fan Speed Controller | 4.5 | 5.5 |
| **MAX1669** | Fan Controller and Remote Temperature Sensor with SMBus Serial Interface | PRODUCTION | VID Voltage Programmer | Remote Temperature Sensor and Fan Controller with SMBus Serial Interface | Fan Speed Controller | - | - |
| **MAX845** | Isolated Transformer Driver for PCMCIA Applications | PRODUCTION | Transformer Driver | Isolated Transformer Driver for PCMCIA Applications | - | - | - |
| **LTC1706-19** | VID Voltage Programmer | PRODUCTION | VID Voltage Programmer | VID Programmer | - | 2.7 | 5.5 |
| **LTC1706-61** | 5-Bit VID Voltage Programmer for AMD Opteron CPUs | PRODUCTION | VID Voltage Programmer | VID Programmer | - | 2.7 | 5.5 |

| | Description | Product Lifecycle | Power Management Function | Comments | Power Management Features | Vin min | Vin max |
|---|---|---|---|---|---|---|---|
| **LTC1706-63** | 5-Bit VID Voltage Programmer for Sun CPUs | PRODUCTION | VID Voltage Programmer | 5-Bit VID Voltage Programmer for Sun CPUs | - | 2.7 | 5.5 |
| **LTC1706-81** | 5-Bit Desktop VID Voltage Programmer | PRODUCTION | VID Voltage Programmer | 5-Bit Desktop VID Voltage Programmer | - | 2.7 | 5.5 |
| **LTC1706-82** | VID Voltage Programmer for Intel VRM9.0/9.1 | PRODUCTION | VID Voltage Programmer | VID Programmer | - | 2.7 | 5.5 |
| **LTC1706-85** | VID Voltage Programmer for Intel VRM 8.5 | PRODUCTION | VID Voltage Programmer | VID Programmer | - | 2.7 | 5.5 |
| **MAX1602** | Single-Channel CardBus and PCMCIA VCC/VPP Power-Switching Network | PRODUCTION | Single VPP + VCC Matrix | Single-Channel CardBus and PCMCIA VCC/VPP Power-Switching Network | - | 5 | 12 |
| **LT1336** | Half-Bridge N-Channel Power MOSFET Driver with Boost Regulator | PRODUCTION | Half Bridge Driver | 0% to 100% Duty Cycle Operation for Servo Motor Drive | - | 9 | 60 |
| **LT1509** | Power Factor and PWM Controller | PRODUCTION | Power Factor Controller | Power Factor and PWM Controller | - | 11.5 | 25 |
| **LT1160** | Half-/Full-Bridge N-Channel Power MOSFET Drivers | PRODUCTION | Half Bridge Driver | Input UV Lockout, High Side Gate Drive UV Lockout | - | 9 | 60 |
| **LT1162** | Half-/Full-Bridge N-Channel Power MOSFET Drivers | PRODUCTION | Dual Half Bridge Driver | Input UV Lockout, High Side Gate Drive UV Lockout | - | 8 | 60 |
| **LT1247** | 1MHz Off-Line Current Mode PWM and DC/DC Converter | PRODUCTION | Pulse Width Modulators | 1MHz Off-Line Current Mode PWM and DC/DC Converter | - | 7.6 | 25 |
| **LTC1470** | Single and Dual PCMCIA Protected 3.3V/5V VCC Switches | PRODUCTION | 5V/3.3V Vcc Switch Matrix | Fully Integrated VCC Switch with SafeSlot Protection | - | 2.7 | 5.25 |
| **LTC1471** | Single and Dual PCMCIA Protected 3.3V/5V VCC Switches | PRODUCTION | Dual 5V/3.3V VPP Matrix | Fully Integrated VCC Switch with SafeSlot Protection | - | 2.7 | 5.25 |

| | Description | Product Lifecycle | Power Management Function | Comments | Power Management Features | Vin min | Vin max |
|---|---|---|---|---|---|---|---|
| **LTC1472** | Protected PCMCIA VCC and VPP Switching Matrix | PRODUCTION | Single VPP + VCC Matrix | Switch Matrix with SafeSlot Protection | - | 2.7 | 5.25 |
| **LTC1314** | PCMCIA Switching Matrix with Built-In N-Channel VCC Switch Drivers | PRODUCTION | VPP + VCC Switch Matrix | Internal Drivers for Vcc MOSFETs | - | 4.5 | 5.5 |
| **LTC1315** | PCMCIA Switching Matrix with Built-In N-Channel VCC Switch Drivers | PRODUCTION | Dual VPP + VCC Switch Matrix | Internal Drivers for Vcc MOSFETs | - | 4.5 | 5.5 |
| **MAX253** | 1W Primary-Side Transformer H-Bridge Driver for Isolated Supplies | PRODUCTION | Transformer Driver | 1W Primary-Side Transformer H-Bridge Driver for Isolated Supplies | - | - | - |
| **LT1248** | Power Factor Controller | PRODUCTION | Power Factor Controller | Power Factor Controller | Active PFC | 11.5 | 25 |
| **LT1249** | Power Factor Controller | PRODUCTION | Power Factor Controller | Power Factor Controller | Active PFC | 11.5 | 25 |
| **LT1241** | High Speed Current Mode Pulse Width Modulators | PRODUCTION | Pulse Width Modulators | High Speed Current Mode Pulse Width Modulators | - | 8.2 | 25 |
| **LT1246** | 1MHz Off-Line Current Mode PWM and DC/DC Converter | PRODUCTION | Pulse Width Modulators | 1MHz Off-Line Current Mode PWM and DC/DC Converter | - | 10 | 25 |
| **LT1158** | Half Bridge N-Channel Power MOSFET Driver | PRODUCTION | Half Bridge Driver | On-Chip Charge Pump, Drives All N-Channel MOSFETs | - | 4.5 | 36 |
| **LT1242** | High Speed Current Mode Pulse Width Modulators | PRODUCTION | Pulse Width Modulators | High Speed Current Mode Pulse Width Modulators | - | 11 | 25 |
| **LT1243** | High Speed Current Mode Pulse Width Modulators | PRODUCTION | Pulse Width Modulators | High Speed Current Mode Pulse Width Modulators | - | 8.2 | 25 |
| **LT1244** | High Speed Current Mode Pulse Width Modulators | PRODUCTION | Pulse Width Modulators | High Speed Current Mode Pulse Width Modulators | - | 11 | 25 |
| **LT1245** | High Speed Current Mode Pulse Width Modulators | PRODUCTION | Pulse Width Modulators | High Speed Current Mode Pulse Width Modulators | - | 8.2 | 25 |

| | Description | Product Lifecycle | Power Management Function | Comments | Power Management Features | Vin min | Vin max |
|---|---|---|---|---|---|---|---|
| **MAX17033** | Dual-Phase, Quick-PWM Controllers for IMVP6+/IMVP6.5 | PRODUCTION | VID Voltage Programmer | Dual-Phase, Quick-PWM Controllers for IMVP6+/IMVP6.5 | - | - | - |
| **MAX17034** | Dual-Phase, Quick-PWM Controllers for IMVP6+/IMVP6.5 | PRODUCTION | VID Voltage Programmer | Dual-Phase, Quick-PWM Controllers for IMVP6+/IMVP6.5 | - | - | - |

# Power Monitors

| Parts | Description | Product Lifecycle | Number of Supplies typ | Vin Range | Power Management Features | ADC | Interface | Comments | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|
| **LT9890** | 150 A Current Monitor for Intel Psys Applications | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7V to 65V | Current Monitor | - | Analog | 150 A Current Monitor for Intel Psys Applications | 2.5m |
| **MAX34427** | SMBus Dual Channel High Dynamic Range Power Accumulator | RECOMMENDED FOR NEW DESIGNS | 2 | 0.5V to 24V | Current Monitor, Power Monitor, Voltage Monitor | 14-Bit | I2C/SMBus | SMBus Dual Channel High Dynamic Range Power Accumulator | 740µ |
| **LTC2949** | Current, Voltage, and Charge Monitor for High Voltage Battery Packs | PRODUCTION | 12 | ±6.14V | Current Monitor, Energy Monitor, I2C Interface, Power Monitor, Voltage Monitor | 20-Bit | I2C/SMBus, IsoSPI, SPI | Current, Voltage, Temperature and Charge Monitor for High Voltage Battery Packs | 16m |
| **LTC2947-65** | 65A+ Power/Energy Monitor with Integrated Sense Resistor | RECOMMENDED FOR NEW DESIGNS | 1 | ±65A Current Range | Charge Monitor, Current Monitor, Energy Monitor, Integrated Rsense, Power Monitor, Voltage Monitor | 18-bit | I2C/SMBus, SPI | 65A+ Power/Energy Monitor with Integrated Sense Resistor | 9m |
| **MAX34417** | SMBus Four-Channel Very Wide Dynamic Range Power Accumulator | PRODUCTION | 4 | 0.5V to 20V | Current Monitor, Power Monitor, Voltage Monitor | 14-Bit | I2C/SMBus | SMBUS Dual Channel High Dynamic Range Power Accumulator | 774µ |
| **LTC2992** | Dual Wide Range Power Monitor | RECOMMENDED FOR NEW DESIGNS | 2 | 2.7V to 100V | Current Monitor, Power Monitor, Voltage Monitor | 12-Bit | I2C/SMBus | Dual Wide Range Power Monitor | 1.2m |
| **ADM1272** | High Voltage Positive Hot Swap Controller and Digital Power Monitor with PMBus | NOT RECOMMENDED FOR NEW DESIGNS | 1 | 16V to 80V | Hot Swap Controller, Power Monitor | 12-Bit | PMBus | High Voltage Positive Hot Swap Controller and Digital Power Monitor with PMBus | 5.3m |
| **LTC2947** | 30A Power/Energy Monitor with Integrated Sense Resistor | RECOMMENDED FOR NEW DESIGNS | 1 | 0V to 15V | Charge Monitor, Current Monitor, Energy Monitor, Integrated Rsense, Power Monitor, Voltage Monitor | 18-bit | I2C/SMBus, SPI | 30A Power/Energy Monitor with Integrated Sense Resistor | 9m |
| **MAX44299** | Current and Voltage Sense with Power Measurement | PRE-RELEASE | 1 | 3V to 5.5V | Current Monitor, Power Monitor, Voltage Monitor | - | Analog | Current and Voltage Sense with Power Measurement | 1m |
| **MAX44298** | Current and Voltage Sense with Power Measurement | PRODUCTION | 1 | -0.1V to 0.1V | Current Monitor, Power Monitor, Voltage Monitor | - | Analog | Current and Voltage Sense with Power Measurement | 1m |

| | Description | Product Lifecycle | Number of Supplies typ | Vin Range | Power Management Features | ADC | Interface | Comments | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|
| **LTC2946** | Wide Range I2C Power, Charge and Energy Monitor | RECOMMENDED FOR NEW DESIGNS | 1 | -100V to +100V (extendable to higher voltages) | Current Monitor, Energy Monitor, I2C Interface, Power Monitor, Voltage Monitor | 12-Bit | I2C/SMBus | Wide Range I2C Power, Charge and Energy Monitor | 700µ |
| **ADM1278** | Hot Swap Controller and Digital Power and Energy Monitor with PMBus Interface | NOT RECOMMENDED FOR NEW DESIGNS | 1 | 4.5V to 20V | Hot Swap Controller, Power Monitor | 12-Bit | PMBus | Hot Swap Controller and Digital Power and Energy Monitor with PMBus Interface | 4.7m |
| **ADM1294** | Digital Power Monitor with PMBus Interface | NOT RECOMMENDED FOR NEW DESIGNS | 1 | 2.95V to 20V | ADC, Digital Interface, PMBus | 12-Bit | PMBus | Digital Power Monitor with PMBus Interface | 3.3m |
| **ADM1293** | Digital Power Monitor with PMBus Interface | NOT RECOMMENDED FOR NEW DESIGNS | 1 | 2.95V to 20V | ADC, Digital Interface, PMBus | 12-Bit | PMBus | Digital Power Monitor with PMBus Interface | 3.3m |
| **LTC2945** | Wide Range I2C Power Monitor | RECOMMENDED FOR NEW DESIGNS | 1 | -80V to +80V (extendable to higher voltages) | Current Monitor, I2C Interface, Power Monitor, Voltage Monitor | 12-Bit | I2C/SMBus | Wide Range I2C Power Monitor | 800µ |
| **ADM1075** | −48 V Hot Swap Controller and Digital Power Monitor with PMBus Interface | NOT RECOMMENDED FOR NEW DESIGNS | 1 | -35V to -80V | Hot Swap Controller, Power Monitor | 12-Bit | PMBus | -48 V Hot Swap Controller and Digital Power Monitor with PMBus Interface | 4.2m |
| **LTC2991** | Octal I2C Voltage, Current, and Temperature Monitor | RECOMMENDED FOR NEW DESIGNS | 8 | 2.9V to 5.5V | Current Monitor, I2C Interface, Temperature Monitor, Voltage Monitor | 14-Bit | I2C/SMBus | Octal I2C Voltage, Current, and Temperature Monitor | 1.1m |
| **ADM1276** | Hot Swap Controller and Digital Power and Energy Monitoringwith PMBus Interface | LAST TIME BUY | 1 | 2V to 20V | Hot Swap Controller, Power Monitor | 12-Bit | PMBus | Hot Swap Controller and Digital Power and Energy Monitoringwith PMBus Interface | 3.2m |
| **ADM1275** | Hot-Swap Controller and Digital Power Monitor with PMBus Interface | NOT RECOMMENDED FOR NEW DESIGNS | 1 | 2V to 20V | Hot Swap Controller, Power Monitor | 12-Bit | I2C/SMBus | Hot Swap Controller and Digital Power Monitor with PMBus Interface | 3.2m |
| **LTC2990** | Quad I2C Voltage, Current and Temperature Monitor | RECOMMENDED FOR NEW DESIGNS | 4 | 2.9V to 5.5V | Current Monitor, I2C Interface, Temperature Monitor, Voltage Monitor | 14-Bit | I2C/SMBus | Quad I2C Voltage, Current and Temperature Monitor | 1.1m |
| **LT2940** | Power and Current Monitor | PRODUCTION | 1 | 4V to 80V | Current Monitor, Power Monitor, Voltage Monitor | - | - | Power and Current Monitor | 3.5m |

| | Description | Product Lifecycle | Number of Supplies typ | Vin Range | Power Management Features | ADC | Interface | Comments | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|
| **LTC4151** | High Voltage I2C Current and Voltage Monitor | PRODUCTION | 1 | 7V to 80V | Current Monitor, I2C Interface, Voltage Monitor | 12-Bit | I2C/SMBus | High Voltage I2C Current and Voltage Monitor | 1.2m |
| **ADM1177** | Hot Swap Controller and Digital Power Monitor with Soft Start Pin | PRODUCTION | 1 | 3.15V to 16.5V | Hot Swap Controller, Power Monitor | 12-Bit | I2C/SMBus | Hot Swap Controller and Digital Power Monitor with Soft Start Pin | 1.7m |
| **ADM1191** | Digital Power Monitor with Convert Pin and ALERTB Output | PRODUCTION | 1 | 3.15V to 26V | Current Monitor, Power Monitor, Voltage Monitor | 12-Bit | I2C/SMBus, PMBus | Digital Power Monitor with Convert Pin and ALERTB Output | 1.7m |
| **ADM1192** | Digital Power Monitor with Clear Pin and ALERT Output | PRODUCTION | 1 | 3.15V to 26V | Current Monitor, Power Monitor, Voltage Monitor | 12-Bit | I2C/SMBus, PMBus | Digital Power Monitor with Clear Pin and ALERT Output | 1.7m |
| **ADM1175** | Hot Swap Controller and Digital Power Monitor with Convert Pin | PRODUCTION | 1 | 3.15V to 16.5V | Hot Swap Controller, Power Monitor | 12-Bit | I2C/SMBus | Hot Swap Controller and Digital Power Monitor with Convert Pin | 1.7m |
| **ADM1176** | Hot Swap Controller and I2C® Power Monitor | PRODUCTION | 1 | 3.15V to 16.5V | Hot Swap Controller, Power Monitor | 12-Bit | I2C/SMBus | Hot Swap Controller and I2C® Power Monitor | 1.7m |
| **ADM1178** | Hot Swap Controller and Digital Power Monitor with ALERTB Output | PRODUCTION | 1 | 3.15V to 16.5V | Hot Swap Controller, Power Monitor | 12-Bit | I2C/SMBus | Hot Swap Controller and Digital Power Monitor with ALERTB Output | 1.7m |
| **MAX4210** | High-Side Power and Current Monitors | PRODUCTION | 1 | 4V to 28V | Current Monitor, Power Monitor | - | Analog | High-Side Power and Current Monitors | 380µ |
| **MAX4211** | High-Side Power and Current Monitors | PRODUCTION | 1 | 4V to 28V | Current Monitor, Power Monitor | - | Analog | High-Side Power and Current Monitors | 670µ |
| **LTC1392** | Micropower Temperature, Power Supply and Differential Voltage Monitor | PRODUCTION | 1 | 4.5V to 6V | Current Monitor, Temperature Monitor, Voltage Monitor | 10-bit | SPI | Ambient Temperature Plus Two-Input Voltage/Current Monitor | 700µ |

# Power-over-Ethernet (PoE) Interface Controllers

| Parts | Description | Product Lifecycle | Ethernet Power | Power Management Function | PoE Standard | PoE Type | Comments | Power Levels typ | # of Ports | Max Power typ |
|---|---|---|---|---|---|---|---|---|---|---|
| **LTC9101-2A** | 12-/24-/48-Port IEEE 802.3 at PoE PSE Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3at, IEEE 802.3bt | 1, 2 | IEEE 802.3at 48 Port/2-Pair PSE Digital Controller with I2C and Industry Standard Register Map | 15.4W, 30W | 48 | 25.5 |
| **LTC4296-1** | 5-Port SPoE PSE Controller | RECOMMENDED FOR NEW DESIGNS | SPoE | PSE | IEEE 802.3cg | E | IEEE 802.3cg 5-Port SPoE PSE Controller with SPI | 52W | 5 | 52 |
| **LTC9101-2** | 12/24-Port IEEE 802.3bt PoE PSE Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3bt | 3, 4 | IEEE 802.3bt, 24 Port/4-Pair PSE Digital Controller with I2C and Industry Standard Register Map | 90W | 48 | 71.3 |
| **LTC9111** | Industrial SPoE PD Controller | RECOMMENDED FOR NEW DESIGNS | SPoE | PD | IEEE 803.3cg | E | IEEE 802.3cg Industrial SPoE PD Controller with SCCP Classification | 52W | - | - |
| **LTC9101-3** | 8/16-Port IEEE 802.3at PoE PSE Controller with Power Management and LED Control | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3at | 2 | IEEE 802.3at 16-Port PSE Power Manager and LED Controller | 30W | 16 | 25.5 |
| **LTC9101-1** | 48-Port IEEE802.3bt (PoE 2) PSE Digital Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3at, IEEE 802.3bt | 2, 3, 4 | IEEE 802.3bt/IEEE 802.3at, 24 Port/4-Pair, 48 Port/2-Pair PSE Digital Controller with I2C | 30W, 90W | 48 | 71.3 |
| **LTC9102** | 12/24-Port IEEE 802.3bt PoE PSE Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3at, IEEE 802.3bt | 1, 2, 3, 4 | IEEE 802.3bt/IEEE 802.3at 12-Channel PSE Analog Controller | 30W, 90W | 12 | 71.3 |
| **LTC9103** | 8-Channel IEEE802.3bt (PoE 2) PSE Analog Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3at, IEEE 802.3bt | 2, 3, 4 | IEEE 802.3bt/IEEE 802.3at 8-Channel PSE Analog Controller | 30W, 90W | 8 | 71.3 |
| **MAX5996C** | IEEE 802.3bt-Compliant, Powered Device with Power Telemetry and Power/Current Limit | PRODUCTION | PoE | PD | IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt | 1, 2, 3, 4 | IEEE 802.3bt/IEEE 802.3at/IEEE 802.3af PD w/ Power Telemetry, P/I Limit, and Int 90W High-Pwr MOSFET | 13W, 25.5W, 71.3W | - | - |

| | Description | Product Lifecycle | Ethernet Power | Power Management Function | PoE Standard | PoE Type | Comments | Power Levels typ | # of Ports | Max Power typ |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX5992A** | Multisource, High-Power, High-Performance Powered Device Controllers | PRODUCTION | PoE | PD | IEEE 802.3af, IEEE 802.3at, Maxim-Class 5 | 1, 2 | IEEE 802.3at/IEEE 802.3af/Multisource PD Interface Controller with Half Port Active Bridge | 13W, 25.5W | - | - |
| **MAX5992B** | Multisource, High-Power, High-Performance Powered Device Controllers | PRODUCTION | PoE | PD | IEEE 802.3af, IEEE 802.3at, Maxim-Class 5 | 1, 2 | IEEE 802.3at/IEEE 802.3af PD Interface Controller with Half Port Active Bridge | 13W, 25.5W | - | - |
| **LT4293** | LTPoE++/IEEE 802.3bt PD Interface Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PD | IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, LTPoE++ | 1, 2, 3, 4, LTPoE++ | LTPoE++/IEEE 802.3bt/IEEE 802.3at/IEEE 802.3af PD Interface Controller | 13W, 25.5W, 71.3W, 90W | - | - |
| **MAX5995A** | IEEE 802.3bt-Compliant, Powered Device Interface Controllers with Integrated 91W High-Power MOSFET | PRE-RELEASE | PD | PD | IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt | - | IEEE 802.3bt-Compliant, Powered Device Interface Controllers with Integrated 91W HighPower MOSFET | - | 1 | - |
| **MAX5995B** | IEEE 802.3bt-Compliant, Powered Device Interface Controllers with Integrated 91W High-Power MOSFET | PRODUCTION | PoE | PD | IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt | 1, 2, 3, 4 | IEEE 802.3bt/IEEE 802.3at/IEEE 802.3af PD Interface Controller with Integrated 91W High-Power MOSFET | 13W, 25.5W, 71.3W | - | - |
| **MAX5995C** | IEEE 802.3bt-Compliant, Powered Device Interface Controllers with Integrated 91W High-Power MOSFET | PRE-RELEASE | PD | PD | IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt | - | IEEE 802.3bt-Compliant, Powered Device Interface Controllers with Integrated 91W HighPower MOSFET | - | 1 | - |
| **LTC4291-1** | 4-Port IEEE 802.3bt PoE PSE Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3bt | 3, 4 | IEEE 802.3bt 4-Port/4-Pair, PSE Digital Controller with I2C | 90W | 4 | 71.3 |
| **LTC4292** | 4-Port PoE++ PSE Analog Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3bt | 3, 4 | IEEE 802.3bt 4-Port/4-Pair, PSE Analog Controller | 90W | 4 | 71.3 |
| **LT4294** | IEEE 802.3bt PD Interface Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PD | IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt | 1, 2, 3, 4 | IEEE 802.3bt/IEEE 802.3at/IEEE 802.3af PD Interface Controller | 13W, 25.5W, 71.3W | - | - |

| | Description | Product Lifecycle | Ethernet Power | Power Management Function | PoE Standard | PoE Type | Comments | Power Levels typ | # of Ports | Max Power typ |
|---|---|---|---|---|---|---|---|---|---|---|
| **LTC4279** | Single Port PoE/PoE+/LTPoE++ PSE Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af, IEEE 802.3at, LTPoE++ | 1, 2, LTPoE++ | LTPoE++/IEEE 802.3at/IEEE 802.3af Single Port PSE Controller | 130W, 15.4W, 162W, 30W | 1 | 123 |
| **LT4295** | IEEE 802.3bt PD Interface with Forward/Flyback Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PD + DC/DC | IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt | 1, 2, 3, 4 | IEEE 802.3bt/IEEE 802.3af/IEEE 802.3at PD Int Contr w/ No-opto Flyback/Active-Clamped Forward Contr | 13W, 25.5W, 71.3W | - | - |
| **LT4276A** | LTPoE++/PoE+/PoE PD Forward/Flyback Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PD + DC/DC | IEEE 802.3af, IEEE 802.3at, LTPoE++ | 1, 2, LTPoE++ | LTPoE++/IEEE 802.3at/IEEE 802.3af PD Interface Contr w/ No-opto Flyback/Active-Clamped Forward Contr | 13W, 25.5W, 90W | - | - |
| **LT4276B** | LTPoE++/PoE+/PoE PD Forward/Flyback Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PD + DC/DC | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at/IEEE 802.3af PD Interface Controller with No-opto Flyback/Active-Clamped Forward Contr | 13W, 25.5W | - | - |
| **LT4276C** | LTPoE++/PoE+/PoE PD Forward/Flyback Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PD + DC/DC | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller with No-opto Flyback/Active-Clamped Forward Controller | 13W | - | - |
| **LT4321** | PoE Ideal Diode Bridge Controller | RECOMMENDED FOR NEW DESIGNS | PoE | Ideal Diode Bridge | IEEE 802.3af, IEEE 802.3at, IEEE 802.3bt, LTPoE++ | 1, 2, 3, 4, LTPoE++ | PoE Ideal Diode Bridge Controller | 122W, 13W, 25.5W, 71.3W, 90W | - | - |
| **LT4320** | Ideal Diode Bridge Controller | RECOMMENDED FOR NEW DESIGNS | Aux | Ideal Diode Bridge | - | - | Ideal Diode Bridge Controller | 122W, 13W, 25.5W, 71.3W, 90W | - | - |
| **LT4320-1** | Ideal Diode Bridge Controller | RECOMMENDED FOR NEW DESIGNS | Aux | Ideal Diode Bridge | - | - | Ideal Diode Bridge Controller | 122W, 13W, 25.5W, 71.3W, 90W | - | - |
| **MAX5991A** | IEEE 802.3af-Compliant, High-Efficiency, Class 1/Class 2 Powered Devices with Integrated DC-DC Converter | PRODUCTION | PoE | PD + DC/DC | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller, Class 1/Class 2, with Integrated Buck and 3.3V/Adjustable LDO | 4W, 7W | - | - |

| | Description | Product Lifecycle | Ethernet Power | Power Management Function | PoE Standard | PoE Type | Comments | Power Levels typ | # of Ports | Max Power typ |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX5991B** | IEEE 802.3af-Compliant, High-Efficiency, Class 1/Class 2 Powered Devices with Integrated DC-DC Converter | PRODUCTION | PoE | PD + DC/DC | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller, Class 1/Class 2, with Integrated Buck and 3.3V/Adjustable LDO | 4W, 7W | - | - |
| **MAX5988B** | IEEE 802.3af-Compliant, High-Efficiency, Class 1/Class 2 Powered Devices with Integrated DC-DC Converters | PRODUCTION | PoE | PD + DC/DC | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller, Class 1/Class 2, with Integrated Buck and 3.3V/Adjustable LDO | 4W, 7W | - | - |
| **LTC4290A** | 8-Port PoE/PoE+/LTPoE++ PSE Analog Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af, IEEE 802.3at, LTPoE++ | 1, 2, LTPoE++ | LTPoE++/IEEE 802.3at/IEEE 802.3af 8-Port PSE Analog Controller | 130W, 15.4W, 30W | - | - |
| **LTC4290B** | 8-Port PoE/PoE+/LTPoE++ PSE Analog Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at/IEEE 802.3af 8-Port PSE Analog Controller | 15.4W, 30W | - | - |
| **LTC4290C** | 8-Port PoE/PoE+/LTPoE++ PSE Analog Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af | 1 | IEEE 802.3af 8-Port PSE Analog Controller | 15.4W | - | - |
| **LT4275A** | LTPoE++/PoE+/PoE PD Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PD | IEEE 802.3af, IEEE 802.3at, LTPoE++ | 1, 2, LTPoE++ | LTPoE++/IEEE 802.3at/IEEE 802.3af PD Interface Controller | 13W, 25.5W, 90W | - | - |
| **LT4275B** | LTPoE++/PoE+/PoE PD Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PD | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at/IEEE 802.3af PD Interface Controller | 13W, 25.5W | - | - |
| **LT4275C** | LTPoE++/PoE+/PoE PD Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PD | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller | 13W | - | - |
| **MAX5986A** | IEEE 802.3af-Compliant, High-Efficiency, Class 1/Class 2, Powered Devices with Integrated DC-DC Converter | PRODUCTION | PoE | PD + DC/DC | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller, Class 1/Class 2, with Integrated Buck | 4W, 7W | - | - |
| **MAX5986B** | IEEE 802.3af-Compliant, High-Efficiency, Class 1/Class 2, Powered Devices with Integrated DC-DC Converter | PRODUCTION | PoE | PD + DC/DC | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller, Class 1/Class 2, with Integrated Buck | 4W, 7W | - | - |

| | Description | Product Lifecycle | Ethernet Power | Power Management Function | PoE Standard | PoE Type | Comments | Power Levels typ | # of Ports | Max Power typ |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX5986C** | IEEE 802.3af-Compliant, High-Efficiency, Class 1/Class 2, Powered Devices with Integrated DC-DC Converter | PRODUCTION | PoE | PD + DC/DC | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller, Class 1/Class 2, with Integrated Buck | 4W, 7W | - | - |
| **MAX5987A** | IEEE 802.3af-Compliant, High-Efficiency, Class 1/Class 2, Powered Devices with Integrated DC-DC Converter | PRODUCTION | PoE | PD + DC/DC | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller, Class 1/Class 2, with Integrated Buck and 3.3V/Adjustable LDO | 4W, 7W | - | - |
| **MAX5984** | Single-Port, 40W, IEEE 802.3af/at PSE Controller with Integrated MOSFET | PRODUCTION | PoE | PSE | IEEE 802.3af, IEEE 802.3at, Maxim-Class 5 | 1, 2 | IEEE 802.3at/IEEE 802.3af/40W Single-Port PSE Controller with Integrated 0.5 Power MOSFET | 15.4W, 30W, 40W | 1 | 40 |
| **MAX5969C** | IEEE 802.3af/at-Compliant, Powered Device Interface Controllers with Integrated Power MOSFET | PRODUCTION | PD | PD | IEEE 802.3af, IEEE 802.3at | - | IEEE 802.3af/at-Compliant, Powered Device Interface Controllers with Integrated Power MOSFET | - | 1 | - |
| **MAX5982A** | IEEE 802.3af/at-Compliant, Powered Device Interface Controllers with Integrated 70W High-Power MOSFET | RECOMMENDED FOR NEW DESIGNS | PoE | PD | IEEE 802.3af, IEEE 802.3at, Maxim-Class 5 | 1, 2 | IEEE 802.3at/IEEE 802.3af PD Interface Controller with Integrated 70W MOSFET and AUX, Sleep, LED | 13W, 25.5W | - | - |
| **MAX5982B** | IEEE 802.3af/at-Compliant, Powered Device Interface Controllers with Integrated 70W High-Power MOSFET | PRODUCTION | PoE | PD | IEEE 802.3af, IEEE 802.3at, Maxim-Class 5 | 1, 2 | IEEE 802.3at/IEEE 802.3af PD Interface Controller with Integrated 70W MOSFET and AUX, Sleep, LED | 13W, 25.5W | - | - |
| **MAX5982C** | IEEE 802.3af/at-Compliant, Powered Device Interface Controllers with Integrated 70W High-Power MOSFET | PRODUCTION | PoE | PD | IEEE 802.3af, IEEE 802.3at, Maxim-Class 5 | 1, 2 | IEEE 802.3at/IEEE 802.3af PD Interface Controller with Integrated 70W MOSFET and AUX Support | 13W, 25.5W | - | - |
| **MAX5969D** | IEEE 802.3af/at-Compliant, Powered Device Interface Controller with Integrated Power MOSFET | PRODUCTION | PoE | PD | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at/IEEE 802.3af PD Interface Controller with Integrated MOSFET | 13W, 25.5W | - | - |

| | Description | Product Lifecycle | Ethernet Power | Power Management Function | PoE Standard | PoE Type | Comments | Power Levels typ | # of Ports | Max Power typ |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX5974E** | Current-Mode PWM Controllers for Low-Cost Flyback Supplies | PRODUCTION | PoE | DC/DC | - | - | Current-Mode PWM Controllers for Low-Cost Flyback Supplies | 13W, 25.5W, 71.3W, 90W | - | - |
| **LTC4266A** | Quad PoE/PoE+/LTPoE++ PSE Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af, IEEE 802.3at, LTPoE++ | 1, 2, LTPoE++ | LTPoE++/IEEE 802.3at/IEEE 802.3af Quad Port PSE Controller with I2C | 130W, 15.4W, 30W | 4 | 90 |
| **LTC4266C** | Quad PoE/PoE+/LTPoE++ PSE Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af | 1 | IEEE 802.3af Quad Port PSE Controller with I2C | 15.4W | 4 | 13 |
| **LTC4274A** | Single PoE/PoE+/LTPoE++ PSE Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af, IEEE 802.3at, LTPoE++ | 1, 2, LTPoE++ | LTPoE++/IEEE 802.3at/IEEE 802.3af Single Port PSE Controller with I2C | 130W, 15.4W, 30W | 1 | 90 |
| **LTC4274C** | Single PoE/PoE+/LTPoE++ PSE Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af | 1 | IEEE 802.3af Single Port PSE Controller with I2C | 15.4W | 1 | 13 |
| **LTC4271** | 12-Port PoE/PoE+/LTPoE++ PSE Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af, IEEE 802.3at, LTPoE++ | 1, 2, LTPoE++ | LTPoE++/IEEE 802.3at/IEEE 802.3af 12-/8-Port PSE Digital Controller with I2C | 130W, 15.4W, 30W | 12 | 90 |
| **LTC4270A** | 12-Port PoE/PoE+/LTPoE++ PSE Analog Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af, IEEE 802.3at, LTPoE++ | 1, 2, LTPoE++ | LTPoE++/IEEE 802.3at/IEEE 802.3af 12-Port PSE Analog Controller | 130W, 15.4W, 30W | - | - |
| **LTC4270B** | 12-Port PoE/PoE+/LTPoE++ PSE Analog Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at/IEEE 802.3af 12-Port PSE Analog Controller | 15.4W, 30W | - | - |
| **LTC4270C** | 12-Port PoE/PoE+/LTPoE++ PSE Analog Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af | 1 | IEEE 802.3af 12-Port PSE Analog Controller | 15.4W | - | - |
| **MAX5980** | Quad, IEEE 802.3at/af PSE Controller for Power-over-Ethernet | PRODUCTION | PoE | PSE | IEEE 802.3af, IEEE 802.3at, Maxim-Class 5 | 1, 2 | IEEE 802.3at/IEEE 802.3af, High-Power (70W), Quad Port PSE Controller with I2C | 15.4W, 30W, 70W | 4 | - |
| **MAX5981A** | IEEE 802.3af/at-Compliant, Powered Device Interface Controllers with Integrated Power MOSFET | PRODUCTION | PoE | PD | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at/IEEE 802.3af PD Interface Controller with Integrated MOSFET and AUX, Sleep, LED Support | 13W, 25.5W | - | - |

| | Description | Product Lifecycle | Ethernet Power | Power Management Function | PoE Standard | PoE Type | Comments | Power Levels typ | # of Ports | Max Power typ |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX5981B** | IEEE 802.3af/at-Compliant, Powered Device Interface Controllers with Integrated Power MOSFET | PRODUCTION | PoE | PD | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at/IEEE 802.3af PD Interface Controller with Integrated MOSFET and AUX, Sleep, LED Support | 13W, 25.5W | - | - |
| **MAX5974A** | Active-Clamped, Spread-Spectrum, Current-Mode PWM Controllers | PRODUCTION | PoE | DC/DC | - | - | Active-Clamped, Spread-Spectrum, Current-Mode PWM Controllers | 13W, 25.5W, 71.3W, 90W | - | - |
| **MAX5974B** | Active-Clamped, Spread-Spectrum, Current-Mode PWM Controllers | PRODUCTION | PoE | DC/DC | - | - | Active-Clamped, Spread-Spectrum, Current-Mode PWM Controllers | 13W, 25.5W, 71.3W, 90W | - | - |
| **MAX5974C** | Active-Clamped, Spread-Spectrum, Current-Mode PWM Controllers | PRODUCTION | PoE | DC/DC | - | - | Active-Clamped, Spread-Spectrum, Current-Mode PWM Controllers | 13W, 25.5W, 71.3W, 90W | - | - |
| **MAX5974D** | Active-Clamped, Spread-Spectrum, Current-Mode PWM Controllers | PRODUCTION | PoE | DC/DC | - | - | Active-Clamped, Spread-Spectrum, Current-Mode PWM Controllers | 13W, 25.5W, 71.3W, 90W | - | - |
| **MAX5971B** | Single-Port, 40W, IEEE 802.3af/at, PSE Controller with I²C | PRODUCTION | PoE | PSE | IEEE 802.3af, IEEE 802.3at, Maxim-Class 5 | 1, 2 | IEEE 802.3at/IEEE 802.3af/40W Single-Port PSE Controller with Integrated 0.5 Power MOSFET and I2C | 15.4W, 30W, 40W | 1 | 40 |
| **MAX5971A** | Single-Port, 40W, IEEE 802.3af/at PSE Controller with Integrated MOSFET | PRODUCTION | PoE | PSE | IEEE 802.3af, IEEE 802.3at, Maxim-Class 5 | 1, 2 | IEEE 802.3at/IEEE 802.3af/40W Single-Port PSE Controller with Integrated 0.5 Power MOSFET | 15.4W, 30W, 40W | 1 | 40 |
| **MAX5969A** | IEEE 802.3af/at-Compliant, Powered Device Interface Controllers with Integrated Power MOSFET | PRODUCTION | PoE | PD | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at/IEEE 802.3af PD Interface Controller with Integrated MOSFET | 13W, 25.5W | - | - |
| **MAX5969B** | IEEE 802.3af/at-Compliant, Powered Device Interface Controllers with Integrated Power MOSFET | PRODUCTION | PoE | PD | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at/IEEE 802.3af PD Interface Controller with Integrated MOSFET | 13W, 25.5W | - | - |

| | Description | Product Lifecycle | Ethernet Power | Power Management Function | PoE Standard | PoE Type | Comments | Power Levels typ | # of Ports | Max Power typ |
|---|---|---|---|---|---|---|---|---|---|---|
| **LTC4274** | Single PoE+ PSE Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at/IEEE 802.3af Single Port PSE Controller with I2C | 15.4W, 30W | 1 | 25.5 |
| **LTC4278** | IEEE 802.3at PD with Synchronous No-Opto Flyback Controller and 12V Aux Support | RECOMMENDED FOR NEW DESIGNS | PoE | PD + DC/DC | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at PD Interface Controller and Synchronous No-Opto Flyback Controller with 12V Aux Support | 13W, 25.5W | - | - |
| **LTC4269-1** | IEEE 802.3at High Power PD and No-Opto Flyback Controller with AUX Support | RECOMMENDED FOR NEW DESIGNS | PoE | PD + DC/DC | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at PD Interface Controller and No-Opto Flyback Controller with AUX Support | 13W, 25.5W | - | - |
| **LTC4269-2** | IEEE 802.3at High Power PD and Synchronous Forward Controller with AUX Support | RECOMMENDED FOR NEW DESIGNS | PoE | PD + DC/DC | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at PD Interface Controller and Synchronous Forward Controller with AUX Support | 13W, 25.5W | - | - |
| **LTC4266** | Quad IEEE 802.3at Power Over Ethernet Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at/IEEE 802.3af Quad Port PSE Controller with I2C | 15.4W, 30W | 4 | 25.5 |
| **LTC4265** | IEEE 802.3 at High Power PD Interface Controller with 2-Event Classification Recognition | RECOMMENDED FOR NEW DESIGNS | PoE | PD | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at/IEEE 802.3af PD Interface Controller | 13W, 25.5W | - | - |
| **LTC4263** | Single IEEE 802.3af Compliant PSE Controller with Internal Switch | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af | 1 | IEEE 803.2af Single Port PSE Controller with Internal Switch | 15.4W | 1 | 12.95 |
| **LTC4263-1** | High Power Single PSE Controller with Internal Switch | RECOMMENDED FOR NEW DESIGNS | PoE | PSE | IEEE 802.3af, IEEE 802.3at | 1, 2 | IEEE 802.3at/IEEE 802.3af Quad Port PSE Controller with I2C | 15.4W, 30W | 1 | 30 |
| **LTC4267** | Power over Ethernet IEEE 802.3af PD Interface with Integrated Switching Regulator | RECOMMENDED FOR NEW DESIGNS | PoE | PD + DC/DC | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller with Int 200kHz Sw Regr and Dual Current Limit for Legacy Apps | 13W | - | - |

| | Description | Product Lifecycle | Ethernet Power | Power Management Function | PoE Standard | PoE Type | Comments | Power Levels typ | # of Ports | Max Power typ |
|---|---|---|---|---|---|---|---|---|---|---|
| **LTC4267-1** | Power over Ethernet IEEE 802.3af PD Interface with Integrated Switching Regulator | RECOMMENDED FOR NEW DESIGNS | PoE | PD + DC/DC | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller with Integrated 200kHz Switching Regulator | 13W | - | - |
| **LTC4267-3** | Power over Ethernet IEEE 802.3af PD Interface with Integrated 300kHz Switching Regulator | RECOMMENDED FOR NEW DESIGNS | PoE | PD + DC/DC | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller with Integrated 300kHz Switching Regulator | 13W | - | - |
| **MAX5941B** | IEEE 802.3af-Compliant Power-Over-Ethernet Interface/PWM Controller for Power Devices | RECOMMENDED FOR NEW DESIGNS | PoE | PD + DC/DC | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller and Forward Controller | 13W | - | - |
| **MAX5940** | IEEE 802.3af PD Interface Controller for Power-Over-Ethernet | PRODUCTION | PD | PD | IEEE 802.3af | - | Industry's First IEEE 802.3af-Compliant Power-Device Interface Controllers | - | 1 | - |
| **MAX5940A** | IEEE 802.3af PD Interface Controller for Power-Over-Ethernet | PRODUCTION | PoE | PD | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller with Integrated MOSFET | 13W | - | - |
| **MAX5940B** | IEEE 802.3af PD Interface Controller for Power-Over-Ethernet | PRODUCTION | PoE | PD | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller with Integrated MOSFET | 13W | - | - |
| **MAX5940C** | IEEE 802.3af PD Interface Controller for Power-Over-Ethernet | PRODUCTION | PoE | PD | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller with Integrated MOSFET | 13W | - | - |
| **MAX5940D** | IEEE 802.3af PD Interface Controller for Power-Over-Ethernet | PRODUCTION | PoE | PD | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller with Integrated MOSFET | 13W | - | - |
| **LTC4257** | IEEE 802.3af PD Power over Ethernet Interface Controller | RECOMMENDED FOR NEW DESIGNS | PoE | PD | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller with Integrated MOSFET | 13W | - | - |
| **LTC4257-1** | IEEE 802.3af PD Power over Ethernet Interface Controller with Dual Current Limit | RECOMMENDED FOR NEW DESIGNS | PoE | PD | IEEE 802.3af | 1 | IEEE 802.3af PD Interface Controller with Integrated MOSFET and Dual Current Limit for Legacy Apps | 13W | - | - |

# PowerPath, Ideal Diodes, and Load Switches

| Parts | Description | Product Lifecycle | # of Channels | Vin min | Vin max | Typical Current Capability typ | Ideal Diode | Total Quiescent Current typ | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **MAX16170** | High-Voltage Ideal Diode Controller with Integrated CSA | RECOMMENDED FOR NEW DESIGNS | - | 65 | 3 | - | N-Channel | 380µ | - |
| **MAX17614** | 4.5V to 60V, 3A, Ideal Diode/Power Source Selector with Current Limit, UV, OV Protection | RECOMMENDED FOR NEW DESIGNS | 1 | 4.5 | 60 | 3 | Internal, N-Channel | 1.02m | Ideal Diode/Power Source Selector with Current Limit, UV, OV Protection, Programmable Startup Blanking Time |
| **LT4322** | Floating, High-Voltage Active Rectifier Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 9 | 500 | 100 | Single Bridge with External N-Channel | 1.5m | Ideal Diode Bridge Controller - DC to 100kHz |
| **LT8673** | Active Rectifier Controller with Voltage Monitoring | RECOMMENDED FOR NEW DESIGNS | 1 | 3 | 42 | 20 | External, N-Channel, Single | 55µ | Active Rectifier Controller with Voltage Monitoring |
| **MAX16173** | Ideal Diode Controller with Active Rectifier | RECOMMENDED FOR NEW DESIGNS | 1 | 3 | 50 | 35 | External | - | Ideal Diode Controller with Active Rectifier |
| **LTC4451** | 40V, 7A Ideal Diode | RECOMMENDED FOR NEW DESIGNS | 1 | 0 | 40 | 7 | Internal, N-Channel, Single | 20µ | 40V/7A Ideal Diode w/ 15mV Forward Regulation |
| **LTC4450** | 18V, 12A Ideal Diode | RECOMMENDED FOR NEW DESIGNS | 1 | 0 | 18 | 12 | Internal, N-Channel, Single | 20µ | 18V/12A Ideal Diode w/ 15mV Forward Regulation |
| **MAX16171** | Ideal Diode Controller with Reverse-Current Protection | PRODUCTION | 1 | 4 | 76 | - | External | 150µ | Ideal Diode Controller With Reverse Current Protection |
| **LTC4372** | Low Quiescent Current Ideal Diode Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.5 | 80 | 20 | External, N-Channel, Single | 5µ | Low Quiescent Current Ideal Diode Controller |
| **LTC4373** | Low Quiescent Current Ideal Diode Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.5 | 80 | 20 | External, N-Channel, Single | 5µ | Low Quiescent Current Ideal Diode Controller |

| | Description | Product Lifecycle | # of Channels | Vin min | Vin max | Typical Current Capability typ | Ideal Diode | Total Quiescent Current typ | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **LTC4421** | High Power Prioritized PowerPath Controller | RECOMMENDED FOR NEW DESIGNS | 2 | 3 | 36 | 20 | Dual, N-Channel | 530µ | High Power Prioritized PowerPath Controller |
| **MAX40203** | Ultra-Tiny nanoPower, 1A Ideal Diodes with Ultra-Low-Voltage Drop | PRODUCTION | 1 | 1.2 | 5.5 | 1 | Internal | 300n | Ultra-Tiny NanoPower, 1A Ideal Diode with Ultra-Low Voltage Drop |
| **LTC4376** | 7A Ideal Diode with Reverse Input Protection | RECOMMENDED FOR NEW DESIGNS | 1 | 4 | 40 | 7 | Internal, N-Channel, Single | 150µ | 7A Ideal Diode with Reverse Input Protection |
| **MAX16141** | 3.5V to 36V Ideal Diode Controllers with Voltage and Current Circuit Breaker | PRODUCTION | 1 | 3.5 | 36 | - | External | - | 3.5V to 36V Ideal Diode Controller With Voltage and Current Circuit Breaker |
| **LT8672** | Active Rectifier Controller with Reverse Protection | RECOMMENDED FOR NEW DESIGNS | 1 | 3 | 42 | 20 | External, N-Channel, Single | 20µ | Active Rectifier Controller with Reverse Protection |
| **LTC4418** | Dual Channel Prioritized PowerPath Controller | RECOMMENDED FOR NEW DESIGNS | 2 | 2.5 | 40 | 5 | Dual, External, P-Channel | 26µ | Dual Channel Prioritized PowerPath Controller |
| **MAX40200** | Ultra-Tiny Micropower, 1A Ideal Diode with Ultra-Low Voltage Drop | PRODUCTION | 1 | 1.5 | 5.5 | 1 | Internal | 7µ | 1A Ideal Diode in Ultra-Tiny Package |
| **LTC3126** | 42V, 2.5A Synchronous Step-Down Regulator with No-Loss Input PowerPath | RECOMMENDED FOR NEW DESIGNS | 2 | 2.4 | 42 | 2.5 | Dual, Internal, N-Channel | 5.5µ | 42V, 2.5A Synchronous Step-Down Regulator with No-Loss Input PowerPath |
| **LTC4419** | 18V Dual Input Micropower PowerPath Prioritizer | RECOMMENDED FOR NEW DESIGNS | 2 | 1.8 | 18 | 500m | Dual, Internal, P-Channel | 3.6µ | 18V Dual Input Micropower PowerPath Prioritizer |
| **LTC4420** | 18V Dual Input Micropower PowerPath Prioritizer with Backup Supply Monitoring | RECOMMENDED FOR NEW DESIGNS | 2 | 1.8 | 18 | 500m | Dual, Internal, P-Channel | 3.6µ | 18V Dual Input Micropower PowerPath Prioritizer with Backup Supply Monitoring |
| **LTC4371** | Dual Negative Voltage Ideal Diode-OR Controller and Monitor | RECOMMENDED FOR NEW DESIGNS | 2 | -500 | -4.5 | 20 | Dual, External, N-Channel | 300µ | Dual Negative Voltage Ideal Diode-OR Controller and Monitor |

| | Description | Product Lifecycle | # of Channels | Vin min | Vin max | Typical Current Capability typ | Ideal Diode | Total Quiescent Current typ | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **LTC4236** | Dual Ideal Diode-OR and Single Hot Swap Controller with Current Monitor | RECOMMENDED FOR NEW DESIGNS | 2 | 2.9 | 18 | 20 | Dual, External, N-Channel | 3.58m | Dual Ideal Diode-OR and Single Hot Swap Controller with Current Monitor |
| **LTC4235** | Dual 12V Ideal Diode-OR and Single Hot Swap Controller with Current Monitor | RECOMMENDED FOR NEW DESIGNS | 2 | 9 | 14 | 20 | Dual, External, N-Channel | 3.64m | Dual 12V Ideal Diode-OR and Single Hot Swap Controller with Current Monitor |
| **LTC3118** | 18V, 2A Buck-Boost DC/DC Converter with Low-Loss Dual Input PowerPath | RECOMMENDED FOR NEW DESIGNS | 1 | 2.2 | 18 | 2 | Dual, Internal, N-Channel | 50µ | 18V, 2A Buck-Boost DC/DC Converter with Low-Loss Dual Input PowerPath |
| **ADP1290** | 12 V, 2 A Logic Controlled High-Side Power Switch | PRODUCTION | 1 | 2.3 | 13.2 | 2 | Load Switch | 15µ | 12 V, 2 A Logic Controlled High-Side Power Switch |
| **LT4321** | PoE Ideal Diode Bridge Controller | RECOMMENDED FOR NEW DESIGNS | 2 | - | 80 | 20 | Dual Bridges with External N-Channel | 500µ | PoE Ideal Diode Bridge Controller |
| **ADP1190A** | Integrated 500 mA Load Switch with Quad Signal Switch | PRODUCTION | 4 | 1.4 | 3.6 | 500m | Load Switch | - | Integrated 500 mA Load Switch with Quad Signal Switch |
| **LTC4229** | Ideal Diode and Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 18 | 20 | External, N-Channel, Single | 2.53m | Ideal Diode and Hot Swap Controller |
| **LT4320** | Ideal Diode Bridge Controller | RECOMMENDED FOR NEW DESIGNS | 1 | - | 72 | 20 | Single Bridge with External N-Channel | 1.3m | Ideal Diode Bridge Controller |
| **LT4320-1** | Ideal Diode Bridge Controller | RECOMMENDED FOR NEW DESIGNS | 1 | - | 72 | 20 | Single Bridge with External N-Channel | 1.3m | Ideal Diode Bridge Controller |
| **ADP1190** | Integrated 500mA Load Switch with Quad Signal Switch | PRODUCTION | 4 | 1.4 | 3.6 | 500m | Load Switch | - | Integrated 500 mA Load Switch with Quad Signal Switch |
| **ADP1196** | 5 V, 3 A Logic Controlled High-Side or Low-Side Load Switch | RECOMMENDED FOR NEW DESIGNS | 1 | 0 | 5.5 | 3 | Load Switch | 26µ | 5 V, 3 A Logic Controlled High-Side or Low-Side Load Switch |
| **ADP196** | 5 V, 3 A Logic Controlled High-Side Power Switch | RECOMMENDED FOR NEW DESIGNS | 1 | 1.8 | 5.5 | 3 | Load Switch | 25µ | 5 V, 3 A, Logic Controlled High-Side Power Switch |

| | Description | Product Lifecycle | # of Channels | Vin min | Vin max | Typical Current Capability typ | Ideal Diode | Total Quiescent Current typ | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **LTC4417** | Prioritized PowerPath™ Controller | RECOMMENDED FOR NEW DESIGNS | 3 | 2.5 | 36 | 5 | External, P-Channel, Triple | 28µ | Prioritized PowerPath Controller with -42V Reverse Input Protection |
| **LTC4228** | Dual Ideal Diode and Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 2 | 2.9 | 18 | 20 | Dual, External, N-Channel | 2.95m | Dual ideal diode and hot swap controller, -1 Latchoff, -2 Auto-Retry |
| **LTC4364** | Surge Stopper with Ideal Diode | RECOMMENDED FOR NEW DESIGNS | 1 | 4 | 80 | 20 | External, N-Channel, Single | 483µ | Ride-through protection with ideal diode, Adjustable output-clamp and circuit-breaker with timer, Sh |
| **LTC4359** | Ideal Diode Controller with Reverse Input Protection | RECOMMENDED FOR NEW DESIGNS | 1 | 4 | 80 | 20 | External, N-Channel, Single | 150µ | Ideal Diode Controller with -40V Reverse Input Protection |
| **LTC4353** | Dual Low Voltage Ideal Diode Controller | RECOMMENDED FOR NEW DESIGNS | 2 | 0 | 18 | 20 | Dual, External, N-Channel | 1.6m | Dual Low Voltage Ideal Diode Controller |
| **LTC4370** | Two-Supply Diode-OR Current Balancing Controller | RECOMMENDED FOR NEW DESIGNS | 2 | 0 | 18 | 20 | Dual, External, N-Channel | 2.25m | Two-Supply Diode-OR Current Balancing Controller |
| **LTC4415** | Dual 4A Ideal Diodes with Adjustable Current Limit | RECOMMENDED FOR NEW DESIGNS | 2 | 1.7 | 5.5 | 4 | Dual, Internal, P-Channel | 44µ | Dual 4A Ideal Diodes with Adjustable Current Limit, Imon Outputs, Overcurrent Warning, Thermal Warni |
| **ADP198** | Logic-Controlled, 1 A, High-Side Load Switch with Reverse Current Blocking | PRODUCTION | 1 | 1.65 | 6.5 | 1 | Load Switch | 2.5µ | Logic Controlled, 1 A, High-Side Load Switch with Reverse Current Blocking |
| **ADP199** | 3.6 V, 500 mA Logic Controlled High-Side Load Switch | PRODUCTION | 1 | 900m | 3.6 | 500m | Load Switch | 3µ | 3.6 V, 500 mA Logic Controlled High-Side Load Switch |
| **LTC3226** | 2-Cell Supercapacitor Charger with Backup PowerPath Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.5 | 5.5 | 315m | External, P-Channel, Single | 55µ | 2-Cell Supercapacitor Charger with Backup PowerPath Controller |
| **ADP194** | Logic Controlled, High-Side Power Switch | PRODUCTION | 1 | 1.1 | 3.6 | 500m | Load Switch | - | Logic Controlled, High-Side Power Switch |
| **ADP197** | Logic Controlled High-Side Power Switch 5V, 3A | RECOMMENDED FOR NEW DESIGNS | 1 | 1.8 | 5.5 | 3 | Load Switch | 18µ | 5 V, 3 A Logic Controlled High-Side Power Switch |

| | Description | Product Lifecycle | # of Channels | Vin min | Vin max | Typical Current Capability typ | Ideal Diode | Total Quiescent Current typ | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **LTC4227** | Dual Ideal Diode and Single Hot Swap Controller | RECOMMENDED FOR NEW DESIGNS | 2 | 2.9 | 18 | 20 | Dual, External, N-Channel | 3.3m | Dual ideal diode-OR and single hot swap controller, Options for latchoff/auto-Retry and 100ms/1.6ms |
| **ADP195** | Logic Controlled, High-Side Power Switch with Reverse Current Blocking | PRODUCTION | 1 | 1.1 | 3.6 | 1.1 | Load Switch | 1µ | Logic Controlled, High-Side Power Switch with Reverse Current Blocking |
| **MAX5968** | Circuit-Breaker and Ideal Diode Controller with Digital Monitoring Functions | PRODUCTION | 1 | - | - | - | - | - | Circuit-Breaker and Ideal Diode Controller with Digital Monitoring Functions |
| **ADP191** | Logic Controlled, High-Side Power Switches | PRODUCTION | 1 | 1.1 | 3.6 | 500m | Load Switch | - | Logic Controlled, High-Side Power Switch with Reverse Current Blocking |
| **ADP190** | Logic Controlled, High-Side Power Switch | PRODUCTION | 1 | 1.2 | 3.6 | 500m | Load Switch | - | Logic Controlled, High-Side Power Switch with Reverse Current Blocking |
| **LTC4352** | Low Voltage Ideal Diode Controller with Monitoring | RECOMMENDED FOR NEW DESIGNS | 1 | 0 | 18 | 20 | External, N-Channel, Single | 1.47m | Low Voltage Ideal Diode Controller with Monitoring |
| **LTC4358** | 5A Ideal Diode | RECOMMENDED FOR NEW DESIGNS | 1 | 9 | 26.5 | 5 | Internal, N-Channel, Single | 780µ | 5A Ideal Diode |
| **LTC4357** | Positive High Voltage Ideal Diode Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 9 | 80 | 20 | External, N-Channel, Single | 930µ | Positive High Voltage Ideal Diode Controller |
| **LTC4355** | Positive High Voltage Ideal Diode-OR with Input Supply and Fuse Monitors | RECOMMENDED FOR NEW DESIGNS | 2 | 9 | 80 | 20 | Dual, External, N-Channel | 2.6m | Positive High Voltage Dual Ideal Diode-OR with Input Supply and Fuse Monitors |
| **LTC4416** | 36V, Low Loss Dual PowerPath Controllers for Large PFETs | RECOMMENDED FOR NEW DESIGNS | 2 | 3.6 | 36 | 20 | Dual, External, P-Channel | 70µ | 36V, Low Loss Dual PowerPath Controllers for Large PFETs |
| **LTC2952** | Pushbutton PowerPath Controller with Supervisor | RECOMMENDED FOR NEW DESIGNS | 2 | 2.7 | 28 | 5 | Dual, External, P-Channel | 65µ | Pushbutton PowerPath Controller with Supervisor |

| | Description | Product Lifecycle | # of Channels | Vin min | Vin max | Typical Current Capability typ | Ideal Diode | Total Quiescent Current typ | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **LTC4414** | 36V, Low Loss PowerPath Controller for Large PFETs | RECOMMENDED FOR NEW DESIGNS | 1 | 3 | 36 | 20 | External, P-Channel, Single | 36µ | 36V, Low Loss PowerPath Controller for Large PFETs |
| **MAX5079** | ORing MOSFET Controller with Ultra-Fast 200ns Turn-Off | PRODUCTION | 1 | 2.75 | 13.2 | - | External | 4m | ORing MOSFET Controller with Ultra-Fast 200ns Turn-Off |
| **LTC4413** | Dual 2.6A, 2.5V to 5.5V, Ideal Diodes in 3mm × 3mm DFN | RECOMMENDED FOR NEW DESIGNS | 2 | 2.5 | 5.5 | 2.6 | Dual, Internal, P-Channel | 25µ | Dual 2.6A, 2.5V to 5.5V, Ideal Diodes in 3mm × 3mm DFN |
| **LTC4413-1** | Dual 2.6A, 2.5V to 5.5V Fast Ideal Diodes in a 3mm × 3mm DFN | RECOMMENDED FOR NEW DESIGNS | 2 | 2.6 | 5.5 | 2.6 | Dual, Internal, P-Channel | 40µ | Dual 2.6A, 2.5V to 5.5V Fast Ideal Diodes in a 3mm x 3mm DFN |
| **LTC4413-2** | Dual 2.6A, 2.5V to 5.5V Fast Ideal Diodes in a 3mm × 3mm DFN | RECOMMENDED FOR NEW DESIGNS | 2 | 2.6 | 5.5 | 2.6 | Dual, Internal, P-Channel | 40µ | Dual 2.6A, 2.5V to 5.5V Fast Ideal Diodes in a 3mm x 3mm DFN, Overvoltage Protection Sensor with Dri |
| **MAX5944** | Dual FireWire Current Limiter and Low-Drop ORing Switch Controller | RECOMMENDED FOR NEW DESIGNS | 2 | 7.5 | 37 | - | External | - | Dual FireWire Current Limiter and Low-Drop ORing Switch Controller |
| **MAX5943** | FireWire Current Limiter and Low-Drop ORing Switch Controller | PRODUCTION | 2 | 7.5 | 37 | - | External | - | FireWire Current Limiter and Low-Drop ORing Switch Controller |
| **LTC4354** | Negative Voltage Diode-OR Controller and Monitor | PRODUCTION | 2 | -80 | -4.5 | 10 | Dual, External, N-Channel | 1.2m | Dual Negative Voltage Ideal Diode-OR Controller and Monitor |
| **LT4351** | MOSFET Diode-OR Controller | PRODUCTION | 1 | 1.2 | 18 | 10 | External, N-Channel | 1.41m | MOSFET Diode-OR Controller |
| **LTC4411** | 2.6A Low Loss Ideal Diode in ThinSOT™ | RECOMMENDED FOR NEW DESIGNS | 1 | 2.6 | 5.5 | 2.6 | Internal, P-Channel, Single | 40µ | Integrated switch: Replaces power supply OR |
| **MAX8535** | ORing MOSFET Controllers with Fastest Fault Isolation for Redundant Power Supplies | PRODUCTION | 1 | 8 | 14 | - | External | 2m | Smallest, High Speed ORing MOSFET Controller for 12V Bus |

| | Description | Product Lifecycle | # of Channels | Vin min | Vin max | Typical Current Capability typ | Ideal Diode | Total Quiescent Current typ | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **MAX8536** | ORing MOSFET Controllers with Fastest Fault Isolation for Redundant Power Supplies | PRODUCTION | 1 | 3 | 5.5 | - | External | 2m | Smallest, High Speed ORing MOSFET Controller for 3.3V/5V Bus |
| **MAX8585** | ORing MOSFET Controllers with Fastest Fault Isolation for Redundant Power Supplies | PRODUCTION | 1 | 8 | 14 | - | External | 2m | Smallest, High Speed ORing MOSFET Controller for 12V Bus |
| **LTC4410** | USB Power Manager in ThinSOT | PRODUCTION | 1 | 4.35 | 5.5 | 500m | External, P-Channel, Single | 500µ | Allows faster charging from USB port and complies with USB spec. |
| **LTC4412** | Low Loss PowerPath™ Controller in ThinSOT | RECOMMENDED FOR NEW DESIGNS | 1 | 2.5 | 28 | 5 | External, P-Channel, Single | 15µ | Replaces power supply OR |
| **LTC4412HV** | 36V, Low Loss PowerPath™ Controller in ThinSOT | RECOMMENDED FOR NEW DESIGNS | 1 | 2.5 | 36 | 5 | External, P-Channel, Single | 18µ | Rugged version of the LTC4412: Vin up to 36V |
| **MAX1773A** | Power Source Selector for Dual-Battery Systems | PRODUCTION | 1 | 4.75 | 28 | - | External | - | Power Source Selector for Dual-Battery Systems |
| **LTC1473** | Dual PowerPath Switch Driver | PRODUCTION | 2 | 4.75 | 30 | 5 | Dual, External, N-Channel | 100µ | Dual, High Gate Drive |
| **LTC1473L** | Dual Low Voltage PowerPath™ Switch Driver | PRODUCTION | 2 | 4.75 | 30 | 5 | Dual, External, N-Channel | 100µ | Power path management for multiple DC sources. 3.3V to 10V input. all N-Channel MOSFETs for low los |
| **LTC1479** | PowerPath Controller for Dual Battery Systems | PRODUCTION | 3 | 6 | 28 | 5 | External, N-Channel, Triple | 175µ | Triple PowerPath Controller for Dual Battery Systems and AC/DC |

# Power-Plane/CardBus Switches

| Parts | Description | Product Lifecycle | Description | # Switches | IMAX | Features | VIN |
|---|---|---|---|---|---|---|---|
| **MAX1608** | Octal, SMBus-to-Parallel I/O Expanders | PRODUCTION | Octal SMBus-to-Parallel I/O Expander | 8 | 0.025 | Controls N-MOSFET, Serial-to-Parallel/Parallel-to-Serial Conversion, SMBus Interface | 0 to +28 |
| **MAX1609** | Octal, SMBus-to-Parallel I/O Expanders | PRODUCTION | Octal SMBus-to-Parallel I/O Expander | 8 | 0.025 | Controls P-MOSFET, Serial-to-Parallel/Parallel-to-Serial Conversion, SMBus Interface | 0 to +28 |

# Pushbutton Controllers

| Parts | Description | Product Lifecycle | # of Channels | Supply Voltage Range | Power Management Features | Isupply typ | ESD Protection | Comments |
|---|---|---|---|---|---|---|---|---|
| **MAX16169** | nanoPower Pushbutton On/Off Controller and Battery Freshness Seal | RECOMMENDED FOR NEW DESIGNS | 1 | 1.3 to 5.5V | Battery freshness seal, Integrated Load Switch | 2n | 40k | nanoPower pushbutton on and off controller and battery freshness seal |
| **MAX16151** | High Voltage Pushbutton On/Off Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 5V to 36V | Pushbutton, Supervisor | 10µ | 15k | High Voltage Pushbutton On/Off Controller |
| **MAX16163** | nanoPower On/Off Controller with Programmable Sleep Time | RECOMMENDED FOR NEW DESIGNS | 1 | 1.7V to 5.5V | Pushbutton | 30n | 40k | nanoPower On/Off Controller with Programmable Sleep Time |
| **MAX16164** | nanoPower On/Off Controller with Programmable Sleep Time | RECOMMENDED FOR NEW DESIGNS | 1 | 1.7V to 5.5V | Pushbutton | 30n | 40k | nanoPower On/Off Controller with Programmable Sleep Time |
| **MAX16150** | nanoPower Pushbutton On/Off Controller and Battery Freshness Seal | RECOMMENDED FOR NEW DESIGNS | 1 | 1.3V to 5.5V | Pushbutton | 10n | 15k | nanoPower Pushbutton On/Off Controller and Battery Freshness Seal |
| **LTC2956** | Wake-Up Timer with Pushbutton Control | RECOMMENDED FOR NEW DESIGNS | 1 | 1.5V to 36V | Pushbutton, Wake-Up Timer | 800n | 25k | Wake-Up Timer with Pushbutton Control |
| **MAX16122** | Dual Pushbutton Controllers in Tiny 6-Bump WLP Package | PRE-RELEASE | 2 | 1.6V to 5.5V | Pushbutton | 8µ | - | Dual Pushbutton Controllers in Tiny 6-Bump WLP Package |
| **MAX16123** | Dual Pushbutton Controllers in Tiny 6-Bump WLP Package | PRODUCTION | 2 | 1.6V to 5.5V | Pushbutton | 8µ | - | Dual Pushbutton Controllers in Tiny 6-Bump WLP Package |
| **MAX16124** | Dual Pushbutton Controllers in Tiny 6-Bump WLP Package | PRODUCTION | 2 | 1.6V to 5.5V | Pushbutton | 8µ | - | Dual Pushbutton Controllers in Tiny 6-Bump WLP Package |
| **LTC2955** | Pushbutton On/Off Controller with Automatic Turn-On | RECOMMENDED FOR NEW DESIGNS | 1 | 1.5V to 36V | Pushbutton | 1.2µ | 25k | Pushbutton On/Off Controller with Automatic Turn-On |
| **MAX16054** | On/Off Controller with Debounce and ±15kV ESD Protection | PRODUCTION | 1 | 2.7V to 5.5V | Pushbutton | 7µ | 15k | ON/OFF Controller w/ Debounce |
| **LTC2953-1** | Push Button On/Off Controller with Voltage Monitoring | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7V to 27V | Pushbutton, Supervisor | 14µ | 10k | Push Button On/Off Controller with Voltage Monitoring |

| | Description | Product Lifecycle | # of Channels | Supply Voltage Range | Power Management Features | Isupply typ | ESD Protection | Comments |
|---|---|---|---|---|---|---|---|---|
| **LTC2953-2** | Push Button On/Off Controller with Voltage Monitoring | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7V to 27V | Pushbutton, Supervisor | 14µ | 10k | Push Button On/Off Controller with Voltage Monitoring |
| **LTC2952** | Pushbutton PowerPath Controller with Supervisor | RECOMMENDED FOR NEW DESIGNS | 2 | 2.7V to 28V | Diode-OR Controller, Pushbutton, Supervisor, Watchdog Timer | 25µ | 8k | Pushbutton PowerPath Controller with Supervisor |
| **LTC2954-1** | Push Button On/Off Controller with µP Interrupt | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7V to 26V | Pushbutton | 6µ | 10k | Low Leakage EN Output (LTC2954-1) Allows DC/DC Converter Control |
| **LTC2954-2** | Push Button On/Off Controller with µP Interrupt | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7V to 26V | Pushbutton | 6µ | 10k | High Voltage /EN Output (LTC2954-2) Allows Circuit Breaker Control |
| **LTC2950-1** | Push Button On/Off Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7V to 26V | Pushbutton | 6µ | 10k | EN Output (LTC2950-1) Allows DC/DC Converter Control |
| **LTC2950-2** | Push Button On/Off Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7V to 26V | Pushbutton | 6µ | 10k | /EN Output (LTC2950-2) Allows Circuit Breaker Control |
| **LTC2951-1** | Push Button On/Off Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7V to 26V | Pushbutton | 6µ | 10k | EN Output (LTC2951-1) Allows DC/DC Converter Control |
| **LTC2951-2** | Push Button On/Off Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.7V to 26V | Pushbutton | 6µ | 10k | /EN Output (LTC2951-2) Allows Circuit Breaker Control |
| **DS1830** | Reset Sequence Pushbutton | PRODUCTION | 1 | <6 | Reset Output | - | - | Reset Sequence Pushbutton |
| **DS1830A** | Reset Sequence Pushbutton | PRODUCTION | 1 | <6 | Reset Output | - | - | Reset Sequence Pushbutton |
| **MAX6816** | ±15kV ESD-Protected, Single/Dual/Octal, CMOS Switch Debouncers | PRODUCTION | 1 | 2.7V to 5.5V | Switch Debouncer | 6µ | 15k | Single CMOS Switch Debouncer |
| **MAX6817** | ±15kV ESD-Protected, Single/Dual/Octal, CMOS Switch Debouncers | PRODUCTION | 2 | 2.7V to 5.5V | Switch Debouncer | 6µ | 15k | Dual CMOS Switch Debouncer |

| | Description | Product Lifecycle | # of Channels | Supply Voltage Range | Power Management Features | Isupply typ | ESD Protection | Comments |
|---|---|---|---|---|---|---|---|---|
| **MAX6818** | ±15kV ESD-Protected, Single/Dual/Octal, CMOS Switch Debouncers | PRODUCTION | 8 | 2.7V to 5.5V | Switch Debouncer | 6µ | 15k | ±15kV ESD-Protected, Single/Dual /Octal, CMOS Switch Debouncers |

# Relay Drivers

| Parts | Description | Product Lifecycle | # Channels | ISOURCE @2.7V | RON max @2.7V | IQ max | Features | Interface | VSUPPLY |
|---|---|---|---|---|---|---|---|---|---|
| **MAX4896** | Space-Saving, 8-Channel Relay/Load Driver | PRODUCTION | 8 | 70 | 6 | 70u | Daisy-Chainable, Integrated Kickback Diodes, Power On Reset | Serial SPI | - |
| **MAX4822** | +3.3V/+5V, 8-Channel, Relay Drivers with Fast Recovery Time and Power-Save Mode | PRODUCTION | 8 | 70 | 6 | 160u | Daisy-Chainable, Integrated Kickback Diodes, Power On Reset, Power-Save, Thermal Shutdown | Serial SPI | 2.3 to 5.5 |
| **MAX4823** | +3.3V/+5V, 8-Channel, Relay Drivers with Fast Recovery Time and Power-Save Mode | PRODUCTION | 8 | 70 | 6 | 160u | Daisy-Chainable, Integrated Kickback Diodes, Power On Reset, Thermal Shutdown | Serial SPI | 2.3 to 5.5 |
| **MAX4825** | +3.3V/+5V, 8-Channel, Relay Drivers with Fast Recovery Time and Power-Save Mode | PRODUCTION | 8 | 70 | 6 | 160u | Daisy-Chainable, Integrated Kickback Diodes, Power On Reset, Thermal Shutdown | Parallel | 2.3 to 5.5 |
| **MAX4820** | +3.3V/+5V, 8-Channel, Cascadable Relay Drivers with Serial/Parallel Interface | PRODUCTION | 8 | 70 | 6 | 50u | Daisy-Chainable, Integrated Kickback Diodes, Power On Reset, Thermal Shutdown | Serial SPI | 2.3 to 5.5 |
| **MAX4821** | +3.3V/+5V, 8-Channel, Cascadable Relay Drivers with Serial/Parallel Interface | PRODUCTION | 8 | 70 | 6 | 50u | Integrated Kickback Diodes, Power On Reset, Thermal Shutdown | Parallel | 2.3 to 5.5 |

# Sequencers, Trackers, and Margining Controllers

| Parts | Description | Product Lifecycle | Number of Supplies typ | Vs span min | Vs span max | Sequencing Type | Tracking | Sequencing | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **MAX34460A** | PMBus 12-Channel Voltage Monitor and Sequencer | PRODUCTION | - | - | - | - | - | - | - |
| **MAX16165** | Highly Integrated, 4-Channel Sequencer and Supervisor | RECOMMENDED FOR NEW DESIGNS | 4 | - | - | - | - | - | - |
| **MAX16166** | Highly Integrated, 4-Channel Sequencer and Supervisor | RECOMMENDED FOR NEW DESIGNS | 5 | 2.7 | 16 | - | No | Yes | Quad Power Supply Sequencer and Supervisor |
| **MAX16895** | Ultra-Small, High Accuracy, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | - | - | - | - | Yes | Ultra-Small, High Accuracy, Adjustable Sequencing/Supervisory Circuits |
| **ADM1266** | Cascadable Super Sequencer with Margin Control and Fault Recording | RECOMMENDED FOR NEW DESIGNS | 17 | 3 | 15 | Programmable State Machine | Yes | Yes | Super Sequencer with Interchip Bus and Nonvolatile Fault Recording |
| **LTC7106** | A 7-Bit Current DAC with PMBus Interface | RECOMMENDED FOR NEW DESIGNS | 1 | 2.5 | 5.5 | Up and Down | Yes | No | A 7-Bit Current DAC with PMBus Interface |
| **ADM1260** | Super Sequencer with Inter-chip ‘Cascade' Bus and Nonvolatile Fault Recording Supports 4 Devices | RECOMMENDED FOR NEW DESIGNS | 10 | 3 | 16 | Up and Down | No | Yes | Fault Recording Blackbox |
| **LTC2937** | Programmable Six Channel Sequencer and Voltage Supervisor with EEPROM | RECOMMENDED FOR NEW DESIGNS | 6 | 2.9 | 16.5 | Up and Down | No | Yes | Programmable Six Channel Sequencer and Voltage Supervisor with EEPROM |
| **MAX34451** | PMBus 16-Channel V/I Monitor and 12-Channel Sequencer/Marginer | RECOMMENDED FOR NEW DESIGNS | 12 | 3 | 3.6 | - | No | Yes | PMBus 12-Channel Voltage Monitor and Sequencer |
| **MAX34446** | PMBus Power-Supply Data Logger | PRODUCTION | 4 | 2.7 | 5.5 | - | No | Yes | PMBus Power-Supply Data Logger |
| **ADM1168** | Super Sequencer and Monitor with Nonvolatile Fault Recording | RECOMMENDED FOR NEW DESIGNS | 8 | 3 | 14.4 | Programmable State Machine | No | Yes | Enable Output, Fault Recording Blackbox, FET Drive Output |
| **ADM1169** | Super Sequencer and Monitor with Margining Control and Non-Volatile Fault Recording | RECOMMENDED FOR NEW DESIGNS | 8 | 3 | 14.4 | Programmable State Machine | No | Yes | Enable Output, Fault Recording Blackbox, FET Drive Output |

| | Description | Product Lifecycle | Number of Supplies typ | Vs span min | Vs span max | Sequencing Type | Tracking | Sequencing | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **MAX34440** | PMBus 6-Channel Power-Supply Manager | PRODUCTION | 6 | 2.7 | 5.5 | - | No | Yes | PMBus 6-Channel Power-Supply Manager with Fault Logging |
| **ADM1166** | Super Sequencer with Margining Control and Non-Volatile Fault Recording | RECOMMENDED FOR NEW DESIGNS | 12 | 3 | 14.4 | Programmable State Machine | No | Yes | Enable Output, Fault Recording Blackbox, FET Drive Output |
| **MAX16046A** | 12-Channel/8-Channel EEPROM-Programmable System Managers with Nonvolatile Fault Registers | PRODUCTION | 12 | - | - | Up and Down | - | - | 12-Channel/8-Channel EEPROM-Programmable System Managers with Nonvolatile Fault Registers |
| **MAX16052** | High-Voltage, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | - | - | - | No | Yes | High Voltage, Adjustable Sequencing/Supervisory Circuit |
| **MAX16053** | High-Voltage, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | - | - | - | No | Yes | High Voltage, Adjustable Sequencing/Supervisory Circuit |
| **ADM1066** | Super Sequencer® with Margining Control and Auxiliary ADC Inputs | PRODUCTION | 12 | 3 | 14.4 | Programmable State Machine | No | Yes | Enable Output, FET Drive Output |
| **ADM1067** | Super Sequencer® with Open-Loop Margining DACs | PRODUCTION | 10 | 3 | 14.4 | Programmable State Machine | No | Yes | Enable Output, FET Drive Output |
| **MAX16047** | 12-/8-Channel EEPROM-Programmable System Managers with Nonvolatile Fault Registers | PRODUCTION | 12 | - | - | Up and Down | - | - | 12-Channel/8-Channel EEPROM-Programmable System Managers with Nonvolatile Fault Registers |
| **MAX16046** | 12-/8-Channel EEPROM-Programmable System Managers with Nonvolatile Fault Registers | PRODUCTION | 12 | - | - | Up and Down | - | - | 12-Channel/8-Channel EEPROM-Programmable System Managers with Nonvolatile Fault Registers |
| **ADM1186** | Quad Voltage Sequencer and Monitor with Programmable Timing | PRODUCTION | 4 | 2.7 | 5.5 | Up and Down | No | Yes | Enable Output |
| **MAX16050** | Voltage Monitors/Sequencer Circuits with Reverse-Sequencing Capability | PRODUCTION | 5 | - | - | - | No | Yes | Quad Voltage, Power-Supply Sequencer/Monitor with Reverse Sequence Capability |
| **MAX16051** | Voltage Monitors/Sequencer Circuits with Reverse-Sequencing Capability | PRODUCTION | 6 | - | - | - | No | Yes | Hex Voltage, Power-Supply Sequencer/Monitor with Reverse Sequence Capability |

| | Description | Product Lifecycle | Number of Supplies typ | Vs span min | Vs span max | Sequencing Type | Tracking | Sequencing | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **ADM1185** | Quad Voltage Monitor and Sequencer | PRODUCTION | 4 | 2.7 | 5.5 | Up | No | Yes | Enable Output |
| **ADM1060** | Multi Power Supply Sequencer & Supervisor | PRODUCTION | 7 | 3 | 14.4 | Programmable Logic | No | Yes | Enable Output, FET Drive Output |
| **ADM1062** | Super Sequencer® with Margining Control and Temperature Monitoring | PRODUCTION | 10 | 3 | 14.4 | Programmable State Machine | No | Yes | Enable Output, FET Drive Output |
| **ADM1063** | Multisupply Supervisor/Sequencer with ADC and Temperature Monitoring | PRODUCTION | 10 | 3 | 14.4 | Programmable State Machine | No | Yes | Enable Output, FET Drive Output |
| **ADM1064** | Super Sequencer® with Voltage Readback 12-bit ADC | PRODUCTION | 10 | 3 | 14.4 | Programmable State Machine | No | Yes | Enable Output, FET Drive Output |
| **ADM1065** | Super Sequencer™ and Monitor | PRODUCTION | 10 | 3 | 14.4 | Programmable State Machine | No | Yes | Enable Output, FET Drive Output |
| **ADM6819** | FET Drive Simple Sequencer™ w/ Fixed 200ms Delay | PRODUCTION | 2 | 2.95 | 5.5 | Up | No | Yes | FET Drive Output |
| **ADM6820** | FET Drive Simple Sequencer™ w/Capacitor Adjustable Delay | PRODUCTION | 2 | 2.95 | 5.5 | Up | No | Yes | FET Drive Output |
| **ADM1069** | Super Sequencer with Margining Control | PRODUCTION | 8 | 3 | 14.4 | Programmable State Machine | No | Yes | Enable Output, FET Drive Output |
| **MAX16041** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 2 | - | - | - | No | Yes | Dual-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuit |
| **MAX16042** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 3 | - | - | - | No | Yes | Triple-Voltage, Capacitor-Adjustable Sequencing/Supervisory Circuit |
| **MAX16043** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 4 | - | - | - | No | Yes | Quad-Voltage, Capacitor-Adjustable Sequencing/Supervisory Circuit |
| **LTC2928** | Multichannel Power Supply Sequencer and Supervisor | RECOMMENDED FOR NEW DESIGNS | 4 | 2.9 | 16.5 | Up and Down | No | Yes | Multichannel Power Supply Sequencer and Supervisor |

| | Description | Product Lifecycle | Number of Supplies typ | Vs span min | Vs span max | Sequencing Type | Tracking | Sequencing | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **MAX16025** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 2 | - | - | - | No | Yes | Ultra Small Adjustable Sequencing/Supervisory Circuit with Open-Drain Active-High Output |
| **MAX16026** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 2 | - | - | - | No | Yes | Ultra Small Adjustable Sequencing/Supervisory Circuit with Push-Pull Active-High Output |
| **MAX16027** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 3 | - | - | - | No | Yes | Ultra Small Adjustable Sequencing/Supervisory Circuit with Open-Drain Active-High Output |
| **MAX16028** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 3 | - | - | - | No | Yes | Ultra Small Adjustable Sequencing/Supervisory Circuit with Push-Pull Active-High Output |
| **MAX16029** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 4 | - | - | - | No | Yes | Ultra Small Adjustable Sequencing/Supervisory Circuit with Open-Drain Active-High Output |
| **MAX16030** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 4 | - | - | - | No | Yes | Ultra Small Adjustable Sequencing/Supervisory Circuit with Push-Pull Active-High Output |
| **ADM1085** | Voltage Sequencer with Active High, Open-Drain Enable Output | PRODUCTION | 1 | 2.25 | 3.6 | Up | No | Yes | Enable Output |
| **ADM1086** | Voltage Sequencer with Active High, Push-Pull Enable Output | PRODUCTION | 1 | 2.25 | 3.6 | Up | No | Yes | Enable Output |
| **ADM1087** | Voltage Sequencer with Active Low, Open-Drain Enable Output | PRODUCTION | 1 | 2.25 | 3.6 | Up | No | Yes | Enable Output |
| **ADM1068** | Compact Multi-Voltage Sequencer and Supervisor | PRODUCTION | 8 | 3 | 14.4 | Programmable State Machine | No | Yes | Enable Output, FET Drive Output |
| **LTC2926** | MOSFET-Controlled Power Supply Tracker | RECOMMENDED FOR NEW DESIGNS | 3 | 2.9 | 5.5 | Up and Down | Yes | Yes | MOSFET-Controlled Power Supply Tracker |
| **MAX6877** | Dual-/Triple-Voltage, Power-Supply Trackers/Sequencers/Supervisors | PRODUCTION | 3 | - | 6 | - | Yes | Yes | Triple Voltage Tracker/Sequencer with Active-Low Reset Output and Active-Low Margin Input |

| | Description | Product Lifecycle | Number of Supplies typ | Vs span min | Vs span max | Sequencing Type | Tracking | Sequencing | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **MAX6878** | Dual-/Triple-Voltage, Power-Supply Trackers/Sequencers/Supervisors | PRODUCTION | 2 | - | 6 | - | Yes | Yes | Dual Voltage Tracker/Sequencer with Active-Low Reset Output and Active-Low Margin Input |
| **LTC2927** | Single Power Supply Tracking Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.9 | 5.5 | Up and Down | Yes | No | Single Power Supply Tracking Controller |
| **MAX6895** | Ultra-Small, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | - | 6 | - | No | Yes | Ultra Small Adjustable Sequencing/Supervisory Circuit with Push-Pull Active-High Output |
| **MAX6896** | Ultra-Small, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | - | 6 | - | No | Yes | Ultra Small Adjustable Sequencing/Supervisory Circuit with Push-Pull Active-Low Output |
| **MAX6897** | Ultra-Small, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | - | 6 | - | No | Yes | Ultra Small Adjustable Sequencing/Supervisory Circuit with Open-Drain Active-High Output |
| **MAX6898** | Ultra-Small, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | - | 6 | - | No | Yes | Ultra Small Adjustable Sequencing/Supervisory Circuit with Open-Drain Active-Low Output |
| **MAX6899** | Ultra-Small, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | - | 6 | - | No | Yes | Ultra Small Adjustable Sequencing/Supervisory Circuit with Push-Pull Active-High Output |
| **MAX6889** | EEPROM-Programmable, Octal/Hex /Quad, Power-Supply Sequencers/Supervisors | PRODUCTION | 8 | - | 6 | - | No | Yes | EEPROM Programmable Octal Power Supply Sequencer/Supervisor |
| **MAX6892** | Pin-Selectable, Octal/Hex/Quad, Power-Supply Sequencers/Supervisors | PRODUCTION | 8 | - | 6 | - | No | Yes | Pin-Selectable Octal Power Supply Sequencer/Supervisor |
| **MAX6894** | Pin-Selectable, Octal/Hex/Quad, Power-Supply Sequencers/Supervisors | PRODUCTION | 4 | - | 6 | - | No | Yes | Pin-Selectable Quad Power Supply Sequencer/Supervisor |
| **LTC2924** | Quad Power Supply Sequencer | RECOMMENDED FOR NEW DESIGNS | 6 | 3 | 6 | Up and Down | No | Yes | Quad Power Supply Sequencer |

| | Description | Product Lifecycle | Number of Supplies typ | Vs span min | Vs span max | Sequencing Type | Tracking | Sequencing | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **MAX6870** | EEPROM-Programmable Hex/Quad Power-Supply Sequencers/Supervisors with ADC | PRODUCTION | 6 | - | 6 | - | No | Yes | EEPROM-Programmable Hex Power-Supply Sequencers/Supervisors with ADC |
| **LTC2925** | Multiple Power Supply Tracking Controller with Power Good Timeout | RECOMMENDED FOR NEW DESIGNS | 4 | 2.9 | 5.5 | - | Yes | Yes | Remote sense switch for voltage drop compensation Controls three supplies without series FETs or a f |
| **LTC2923** | Power Supply Tracking Controller | RECOMMENDED FOR NEW DESIGNS | 3 | 2.9 | 5.5 | - | Yes | Yes | Three tracking options available. Controls two supplies without series FETs or a third supply with a |
| **LTC2921** | Power Supply Tracker with Input Monitors | RECOMMENDED FOR NEW DESIGNS | 5 | 2.5 | 5 | - | Yes | No | 3 remote sense switches for voltage drop compensation. Limited sequencing possible |
| **LTC2922** | Power Supply Tracker with Input Monitors | RECOMMENDED FOR NEW DESIGNS | 5 | 2.5 | 5 | - | Yes | No | 5 remote sense switches for voltage drop compensation. Limited sequencing possible |
| **LTC2920-1** | Single/Dual Power Supply Margining Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.2 | 6 | - | No | No | Single Power Supply Margining Controller |
| **LTC2920-2** | Single/Dual Power Supply Margining Controller | RECOMMENDED FOR NEW DESIGNS | 1 | 2.2 | 6 | - | No | No | Dual Power Supply Margining Controller |
| **MAX6741** | Low-Power Dual-/Triple-Voltage SC70 µP Supervisory Circuits | PRODUCTION | 2 | - | 6 | - | No | Yes | Low-Power, Dual Fixed Voltage SC70 µP Supervisor with Manual Reset, Power OK Output, and Open-Drain |
| **DS1830** | Reset Sequence Pushbutton | PRODUCTION | 2 | - | 6 | - | No | Yes | Reset Sequence Pushbutton |
| **DS1830A** | Reset Sequence Pushbutton | PRODUCTION | 2 | - | 6 | - | No | Yes | Reset Sequence Pushbutton |
| **MAX6391** | Dual-Voltage µP Supervisory Circuits with Sequenced Reset Outputs | PRODUCTION | 2 | - | 6 | - | No | Yes | Dual Voltage µP Supervisory Circuits with Sequenced Reset Output and Two Internal Pullup Resistors |
| **MAX6392** | Dual-Voltage µP Supervisory Circuits with Sequenced Reset Outputs | PRODUCTION | 2 | - | 6 | - | No | Yes | Dual Voltage µP Supervisory Circuits with Sequenced Reset Output and Manual Reset |

| | Description | Product Lifecycle | Number of Supplies typ | Vs span min | Vs span max | Sequencing Type | Tracking | Sequencing | Comments |
|---|---|---|---|---|---|---|---|---|---|
| **MAX6819** | SOT23 Power-Supply Sequencers | PRODUCTION | 2 | - | 6 | - | No | Yes | SOT23 Power Supply Sequencer with Integrated 200ms Delay |
| **MAX6820** | SOT23 Power-Supply Sequencers | PRODUCTION | 2 | - | 6 | - | No | Yes | SOT23 Power Supply Sequencer with Adjustable Delay |

# Smart Power Stages (FET and FET Driver)

| Parts | Description | Product Lifecycle | # of Channels | Vin max | Iout Peak typ | Frequency Range |
|---|---|---|---|---|---|---|
| **MAX20846** | - | RECOMMENDED FOR NEW DESIGNS | 1 | 16 | 104.5 | 300kHz to 1.3MHz |
| **LTC7051-1** | SilentMOS Smart Power Stage in 5mm × 8mm LQFN | RECOMMENDED FOR NEW DESIGNS | 1 | 16 | 140 | up to 2 MHz |
| **LTC7050-1** | Dual SilentMOS Smart Power Stage in 5mm × 8mm LQFN | RECOMMENDED FOR NEW DESIGNS | 2 | 16 | 70 | Up to 2MHz |
| **LTC7051** | SilentMOS Smart Power Stage in 5mm × 8mm LQFN | RECOMMENDED FOR NEW DESIGNS | 1 | 14 | 140 | Up to 2MHz |
| **LTC7050** | Dual SilentMOS Smart Power Stage in 5mm × 8mm LQFN | RECOMMENDED FOR NEW DESIGNS | 2 | 14 | 70 | Up to 2MHz |
| **MAX20790** | Smart Power-Stage IC with Integrated Current and Temperature Sensors | PRODUCTION | 2 | 16 | - | 400kHz |
| **VT1697SB** | Smart Slave IC with Integrated Current and Temperature Sensors | PRODUCTION | 2 | 14 | 150 | 300kHz to 1.3MHz |
| **MAX20856** | 5x6 Smart Power-Stage IC with Integrated Current and Temperature Sensors | RECOMMENDED FOR NEW DESIGNS | 1 | 16 | 104.5 | 300kHz to 1.3MHz |

# Supervisory Circuits

| Parts | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADPL62933** | Nanopower µP Supervisor with Manual Reset and Watchdog Timer | RECOMMENDED FOR NEW DESIGNS | 1 | 2.925 | - | - | 3 | Active Low, Open Drain | 225ms | Yes | Manual Reset, Supervisor | 170n |
| **ADPL62935** | Low-Voltage µP Supervisor with Manual Reset | RECOMMENDED FOR NEW DESIGNS | 1 | 2.93 | - | - | 3 | Active High, Active Low, Push-Pull | 200ms | No | Manual Reset, Supervisor | 12µ |
| **ADPL63164** | Microprocessor Reset Circuits with Capacitor-Adjustable Reset/Watchdog Timeout Delay | RECOMMENDED FOR NEW DESIGNS | 2 | 3V | Adj | - | 2.5 | Active Low, Open Drain | Adj | Yes | Adjustable Reset Input, Manual Reset, Supervisor, Watchdog Timer | 10µ |
| **MAX42500** | Four- to Seven-Input Industrial Power System Monitor Family | RECOMMENDED FOR NEW DESIGNS | 7 | 0.5V to 3.6875V | 0.5V to 3.6875V | 0.5V to 3.6875V | - | Open Drain | - | Yes | Challenge/Response Watchdog, Fault Recording, OV/UV Monitoring, Sequence Recording | 150µ |
| **MAX16182** | Nano Power, Tiny Supervisor with Manual Reset Input | RECOMMENDED FOR NEW DESIGNS | 1 | 1.7 to 4.85 | - | - | - | Active Low, Push-Pull | - | No | Manual Reset | 240n |
| **MAX16138** | ±0.7% Accuracy Single-Window Voltage Monitor with BIST | RECOMMENDED FOR NEW DESIGNS | 1 | 0.51V to 5.01V | - | - | 0.7 | Open Drain, Push-Pull | - | No | Latched Output | 1.7µ |
| **MAX20484** | Three- to Five-Input Power-System Monitor with Clock Monitor and Watchdog | RECOMMENDED FOR NEW DESIGNS | 5 | Adj | Adj | Adj | 1 | - | - | No | - | - |
| **MAX16193** | 0.3% Accuracy Dual-Channel Supervisory Circuit | RECOMMENDED FOR NEW DESIGNS | 2 | Adj | Adj | - | 0.3 | Open Drain, Push-Pull | - | No | - | 75µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX20481** | Four- to Seven-Input Automotive Power-System Monitor Family | PRODUCTION | 7 | Adj | Adj | Adj | - | Open Drain | Adjustable | No | Overvoltage/Window Monitor | - |
| **MAX16165** | Highly Integrated, 4-Channel Sequencer and Supervisor | RECOMMENDED FOR NEW DESIGNS | 4 | Adj | Adj | Adj | - | Push-Pull | 20ms to 2000ms | No | Sequencing | 105µ |
| **MAX16166** | Highly Integrated, 4-Channel Sequencer and Supervisor | RECOMMENDED FOR NEW DESIGNS | 5 | Adj | Adj | Adj | - | Push-Pull | 20ms to 2000ms | No | Sequencing | 105µ |
| **MAX16191** | Ultra-High, 0.35% Accuracy Supervisory Circuit | RECOMMENDED FOR NEW DESIGNS | 1 | 0.6 to 0.9 | - | - | 0.35 | - | - | No | - | 900n |
| **MAX20478** | Two/Three-Input Automotive Voltage Monitor with Watchdog | RECOMMENDED FOR NEW DESIGNS | 3 | Adj | Adj | Adj | 1 | Open Drain | Adjustable | Yes | Overvoltage/Window Monitor | - |
| **MAX16161** | nanoPower Supply Supervisors with Glitch-Free Power-Up | RECOMMENDED FOR NEW DESIGNS | 1 | 1.7 to 4.8 | - | - | 1.5 | Active Low, Open Drain | - | Yes | Manual Reset | 1.5µ |
| **MAX16162** | nanoPower Supply Supervisors with Glitch-Free Power-Up | RECOMMENDED FOR NEW DESIGNS | 1 | 0.6V to 4.85V | - | - | 1.5 | Active Low, Open Drain | 310us to 2s | Yes | - | - |
| **MAX16137** | 1% Accuracy Single-Window Voltage Monitor with BIST | RECOMMENDED FOR NEW DESIGNS | 1 | 3.3 to 5.5 | - | - | 1 | - | Adjustable | Yes | Overvoltage/Window Monitor | 23µ |
| **MAX16136** | High-Precision Supervisory ICs with Window Watchdog and Overvoltage Indicator | RECOMMENDED FOR NEW DESIGNS | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active Low, Open Drain | Adjustable | Yes | Adjustable Reset Input, Latched Output, Overvoltage/Window Monitor | 35µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX16160** | High-Accuracy 4-Channel, Any-Input Supervisory Circuits | RECOMMENDED FOR NEW DESIGNS | 4 | Adj | Adj | Adj | 1 | Open Drain | - | No | - | 30µ |
| **MAX16152** | nanoPower Supervisor and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Open Drain | <1ms | Yes | Watchdog Timer Enable Input | 900n |
| **MAX16153** | nanoPower Supervisor and Watchdog Timer | PRE-RELEASE | 1 | Adj | - | - | 1.5 | - | - | - | - | - |
| **MAX16154** | nanoPower Supervisor and Watchdog Timer | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.5 | Active Low, Open Drain | - | Yes | Watchdog Timer, Watchdog Timer Enable Input | 400n |
| **MAX16155** | nanoPower Supervisor and Watchdog Timer | RECOMMENDED FOR NEW DESIGNS | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Open Drain | <1ms | Yes | Watchdog Timer Enable Input | 900n |
| **MAX20480** | Four- to Seven-Input Automotive Power-System Monitor Family | RECOMMENDED FOR NEW DESIGNS | 7 | Adj | Adj | Adj | 1 | Open Drain | <1ms, Adjustable | Yes | Overvoltage/Window Monitor | 210µ |
| **MAX16150** | nanoPower Pushbutton On/Off Controller and Battery Freshness Seal | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | - | - | - | Yes | Pushbutton | 10n |
| **MAX16143** | High-Voltage Supervisors with Manual Reset Input | PRE-RELEASE | 1 | 3.3V to 11.6V | - | - | 1.5 | Active-Low, Open-Drain | - | No | Manual Reset | 25µ |
| **MAX16145** | High-Voltage Supervisors with Manual Reset Input | PRE-RELEASE | 1 | 3.3V to 11.6V | - | - | 1.5 | Active High, Open Drain | - | No | Manual Reset | 25µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX16147** | High-Voltage Supervisors with Manual Reset Input | RECOMMENDED FOR NEW DESIGNS | 1 | >=5.5, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 250ms to 450ms, 300ms to 1s, 85ms to 300ms | No | Manual Reset | 55µ |
| **MAX16149** | High-Voltage Supervisors with Manual Reset Input | PRE-RELEASE | 1 | 3.3V to 11.6V | - | - | 1.5 | Active-High, Push-Pull | - | No | Manual Reset | 25µ |
| **LTC2962** | ±0.5% Accurate Quad Configurable Supervisor | RECOMMENDED FOR NEW DESIGNS | 4 | 1.2V, 1.5V, 1.8V, 1V, 2.5V, 3.3V, 5V, Adj, -Adj | Adj, -Adj | Adj, -Adj | 0.5 | - | Adj | No | Pushbutton, Supervisor | 140µ |
| **LTC2963** | ±0.5% Accurate Quad Configurable Supervisor | RECOMMENDED FOR NEW DESIGNS | 4 | 1.2V, 1.5V, 1.8V, 1V, 2.5V, 3.3V, 5V, Adj, -Adj | Adj, -Adj | Adj, -Adj | 0.5 | - | Adj | Yes | Pushbutton, Supervisor, Watchdog Timer | 140µ |
| **LTC2964** | ±0.5% Accurate Quad Configurable Supervisor | RECOMMENDED FOR NEW DESIGNS | 4 | 1.2V, 1.5V, 1.8V, 1V, 2.5V, 3.3V, 5V, Adj, -Adj | Adj, -Adj | Adj, -Adj | 0.5 | - | Adj | No | Pushbutton, Supervisor | 140µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX16140** | nanoPower, Tiny Supervisor with Manual Reset Input | PRODUCTION | 1 | 1.7 to 4.8 | - | - | 1.5 | Active High, Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 250ms to 450ms, 300ms to 1s, 85ms to 300ms | No | Adjustable Reset Input, Manual Reset | 370n |
| **MAX16142** | nanoPower, Tiny Supervisor with Manual Reset Input | RECOMMENDED FOR NEW DESIGNS | 1 | 1.7 to 4.8 | - | - | 1.5 | Active High, Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 250ms to 450ms, 300ms to 1s, 85ms to 300ms | No | Adjustable Reset Input, Manual Reset | 370n |
| **MAX16144** | nanoPower, Tiny Supervisor with Manual Reset Input | PRE-RELEASE | 1 | 1.7 to 4.8 | - | - | 1.5 | Active-Low, Open-Drain | - | - | - | 370n |
| **MAX16146** | nanoPower, Tiny Supervisor with Manual Reset Input | PRE-RELEASE | 1 | 1.7 to 4.8 | - | - | 1.5 | Active-Low, Open-Drain | - | - | - | 370n |
| **MAX16156** | nanoPower, Tiny Supervisor with Manual Reset Input | PRE-RELEASE | 1 | 1.7 to 4.8 | - | - | - | Active High, Open Drain | - | - | - | 370n |
| **MAX16157** | nanoPower, Tiny Supervisor with Manual Reset Input | PRE-RELEASE | 1 | 1.7 to 4.8 | - | - | - | Active High, Open Drain | - | - | - | 370n |
| **MAX16158** | nanoPower, Tiny Supervisor with Manual Reset Input | RECOMMENDED FOR NEW DESIGNS | 1 | 1.7 to 4.8 | - | - | 1.5 | Active High, Open Drain, Push-Pull | 1ms to 15ms | No | Adjustable Reset Input, Manual Reset | 1.2µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX16159** | nanoPower, Tiny Supervisor with Manual Reset Input | PRE-RELEASE | 1 | 1.7 to 4.8 | - | - | - | Active High, Open Drain | - | - | - | 370n |
| **MAX16132** | Low-Voltage, Precision, Single/Dual/Triple/Quad-Voltage µP Supervisors | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active Low, Open Drain | 20us to 1200ms | No | Overvoltage/Window Monitor | 30µ |
| **MAX16133** | Low-Voltage, Precision, Single/Dual/Triple/Quad-Voltage µP Supervisors | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Open Drain | - | No | Overvoltage/Window Monitor | 75µ |
| **MAX16134** | Low-Voltage, Precision, Single/Dual/Triple/Quad-Voltage µP Supervisors | PRODUCTION | 3 | Adj | Adj | Adj | 1 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 20us to 1200ms, 300ms to 1s, 85ms to 300ms | No | OV/UV Monitoring | 30µ |
| **MAX16135** | Low-Voltage, Precision, Single/Dual/Triple/Quad-Voltage µP Supervisors | RECOMMENDED FOR NEW DESIGNS | 4 | Adj | Adj | Adj | 1 | Active Low, Open Drain | 20us to 1200ms | No | Overvoltage/Window Monitor | 30µ |
| **LTC2937** | Programmable Six Channel Sequencer and Voltage Supervisor with EEPROM | RECOMMENDED FOR NEW DESIGNS | 6 | Adj | Adj | Adj | 0.75 | - | Adjustable 0.05ms to 1640ms | No | EEPROM, I2C Interface, Sequencing, Supervisor | 1m |
| **LTC2965** | 100V Micropower Single Voltage Monitor | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.4 | - | - | No | Polarity Selection, Selectable Hysteresis | 7µ |
| **LTC2966** | 100V Micropower Dual Voltage Monitor | RECOMMENDED FOR NEW DESIGNS | 2 | Adj | Adj | - | 1.4 | - | - | No | Polarity Selection, Selectable Hysteresis | 7µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM8611** | Ultralow Power Voltage Supervisor with Manual Reset | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.3 | - | - | No | Supervisor | 92n |
| **ADM8612** | Ultralow Power Voltage Supervisor with Manual Reset and Low Threshold Voltages | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.3 | - | - | No | Supervisor | 92n |
| **ADM8613** | Ultralow Power Voltage Supervisor with Watchdog Timer and Manual Reset | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.3 | - | - | Yes | Supervisor, Watchdog Timer | 92n |
| **ADM8614** | Ultralow Power Voltage Supervisor with Short and Long Watchdog Timer | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.3 | - | - | Yes | Supervisor, Watchdog Timer | 92n |
| **ADM8615** | Ultralow Power Voltage Supervisor with Watchdog Timer, Manual Reset and Low Threshold Voltages | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.3 | - | - | Yes | Supervisor, Watchdog Timer | 20µ |
| **ADM8641** | Ultralow Power Voltage Detector with Disable Input | PRODUCTION | 1 | Adj | - | - | 1.3 | - | - | No | Supervisor | 92n |
| **ADM8642** | Ultralow Power Voltage Detector with Disable Input and Low Threshold Voltages | PRODUCTION | 1 | Adj | - | - | 1.3 | - | - | No | Supervisor | 200µ |
| **LTC2936** | Programmable Hex Voltage Supervisor with EEPROM and Comparator Outputs | RECOMMENDED FOR NEW DESIGNS | 6 | Adj | Adj | Adj | 1 | - | Adjustable 0.001ms to 1638ms | No | Comparator Output, EEPROM, I2C Interface, Supervisor | 700µ |
| **LTC2933** | Programmable Hex Voltage Supervisor with EEPROM | PRODUCTION | 6 | Adj | Adj | Adj | 1 | - | Adjustable 0.001ms to 1640ms | No | EEPROM, I2C Interface, Supervisor | 700µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM8323** | Supervisory Circuit with Windowed Watchdog, Manual Reset, and Active-Low Push-Pull Reset Output | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.5 | - | - | Yes | Supervisor, Watchdog Timer | 10µ |
| **ADM8324** | Supervisory Circuit with Windowed Watchdog, Manual Reset, and Active-Low Open-Drain Reset Output | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.5 | - | - | Yes | Supervisor, Watchdog Timer | 92n |
| **ADM8316** | Supervisory Circuit with Watchdog, Manual Reset, and Active-Low Push-Pull Reset Output | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.5 | - | - | Yes | Supervisor, Watchdog Timer | 10µ |
| **ADM8318** | Supervisory Circuit with Watchdog, Active-Low and Active-High Push-Pull Reset Outputs | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.5 | - | - | Yes | Supervisor, Watchdog Timer | 10µ |
| **ADM8319** | Supervisory Circuit with Manual Reset, Active-Low and Active-High Push-Pull Reset Outputs | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.5 | - | - | Yes | Supervisor, Watchdog Timer | 10µ |
| **ADM8320** | Supervisory Circuit with Watchdog, Manual Reset, and Active-Low Open-Drain Reset Output | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.5 | - | - | Yes | Supervisor, Watchdog Timer | 10µ |
| **ADM8321** | Supervisory Circuit with Watchdog, Active-Low Open-Drain and Active-High Push-Pull Reset Outputs | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.5 | - | - | Yes | Supervisor, Watchdog Timer | 10µ |
| **ADM8322** | Supervisory Circuit with Manual Reset, Active-Low Open-Drain and Active-High Push-Pull Reset Outputs | RECOMMENDED FOR NEW DESIGNS | 1 | Adj | - | - | 1.5 | - | - | Yes | Supervisor, Watchdog Timer | 10µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM8710** | Low Voltage, High Accuracy, Quad Voltage Microprocessor Supervisory Circuit | RECOMMENDED FOR NEW DESIGNS | 4 | 1.8V, 3.3V, Adj | 1.8V, 3.3V | Adj | 1.5 | - | - | No | Supervisor | 100µ |
| **MAX16125** | Dual Pushbutton Controllers in Tiny 6-Bump WLP Package | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 250ms to 450ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Manual Reset | 10µ |
| **LTC2960** | 36V Nano-Current Two-Input Voltage Monitor | RECOMMENDED FOR NEW DESIGNS | 2 | Adj | Adj | - | 1.5 | - | 15ms, 200ms | No | Supervisor | 850n |
| **ADM6305** | Multiple Input Programmable Supervisory ICs | RECOMMENDED FOR NEW DESIGNS | 2 | Adj | Adj | - | - | - | - | No | Supervisor | 20µ |
| **ADM6306** | Multiple Input Programmable Supervisory ICs | RECOMMENDED FOR NEW DESIGNS | 2 | Adj | 0.4V, 1.23V | - | - | - | - | No | Supervisor | 15µ |
| **LTC2911-1** | Precision Triple Supply Monitor with Power-Fail Comparator | RECOMMENDED FOR NEW DESIGNS | 3 | 3.3V | 5V | Adj | 1.5 | - | 200ms, Adj | No | Supervisor | 10µ |
| **LTC2911-2** | Precision Triple Supply Monitor with Power-Fail Comparator | RECOMMENDED FOR NEW DESIGNS | 3 | 3.3V | 2.5V | Adj | 1.5 | - | 200ms, Adj | No | Supervisor | 10µ |
| **LTC2911-3** | Precision Triple Supply Monitor with Power-Fail Comparator | RECOMMENDED FOR NEW DESIGNS | 3 | 3.3V | 1.8V | Adj | 1.5 | - | 200ms, Adj | No | Supervisor | 10µ |
| **LTC2911-4** | Precision Triple Supply Monitor with Power-Fail Comparator | RECOMMENDED FOR NEW DESIGNS | 3 | 3.3V | 1.2V | Adj | 1.5 | - | 200ms, Adj | No | Supervisor | 10µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC2911-5** | Precision Triple Supply Monitor with Power-Fail Comparator | RECOMMENDED FOR NEW DESIGNS | 3 | 3.3V | Adj | Adj | 1.5 | - | 200ms, Adj | No | Supervisor | 10µ |
| **MAX16072** | nanoPower µP Supervisory Circuits in a 4-Bump (1mm x 1mm) Chip-Scale Package | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3 | - | - | 2.5 | Active Low, Push-Pull | <1ms, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 1.5µ |
| **MAX16073** | nanoPower µP Supervisory Circuits in a 4-Bump (1mm x 1mm) Chip-Scale Package | RECOMMENDED FOR NEW DESIGNS | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3 | - | - | 2.5 | Active High, Push-Pull | <1ms, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 1.5µ |
| **MAX16074** | nanoPower µP Supervisory Circuits in a 4-Bump (1mm x 1mm) Chip-Scale Package | RECOMMENDED FOR NEW DESIGNS | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3 | - | - | 2.5 | Active Low, Open Drain | <1ms, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 1.5µ |
| **ADM6326** | Ultralow Power, 3-Lead, SOT-23, Microprocessor Reset Circuit, Active-Low Push-Pull Output, 0.5 µA Supply Current | PRODUCTION | 1 | Adj | - | - | 2.5 | - | - | No | Supervisor | 500n |
| **ADM6328** | Ultralow Power, 3-Lead, SOT-23, Microprocessor Reset Circuit, Active-Low Open-Drain Output, 0.5 µA Supply Current | PRODUCTION | 4 | Adj | Adj | Adj | 2.5 | - | - | No | Supervisor | 115µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM6346** | Ultralow Power, 3-Lead, SOT-23, Microprocessor Reset Circuit, Active-Low Push-Pull Output, 1 µA Supply Current | PRODUCTION | 1 | Adj | - | - | 2.5 | - | - | No | Supervisor | 500n |
| **ADM6348** | Ultralow Power, 3-Lead, SOT-23, Microprocessor Reset Circuit, Active-Low Open-Drain Output, 1 µA Supply Current | PRODUCTION | 1 | Adj | - | - | 2.5 | - | - | No | Supervisor | 13µ |
| **MAX16056** | 125nA nanoPower Supervisory Circuits with Capacitor-Adjustable Reset and Watchdog Timeouts | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | Adjustable | Yes | Manual Reset | 125n |
| **MAX16057** | 125nA nanoPower Supervisory Circuits with Capacitor-Adjustable Reset and Watchdog Timeouts | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | Adjustable | No | Manual Reset | 125n |
| **MAX16058** | 125nA nanoPower Supervisory Circuits with Capacitor-Adjustable Reset and Watchdog Timeouts | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | Adjustable | Yes | Manual Reset | 125n |
| **MAX16059** | 125nA nanoPower Supervisory Circuits with Capacitor-Adjustable Reset and Watchdog Timeouts | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | Adjustable | No | Manual Reset | 125n |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC2938** | Configurable 4-Supply Monitors with Watchdog Timer | PRODUCTION | 4 | 3.3V, 5V | 1.2V, 1.5V, 1.8V, 2.5V, 3.3V | 1.2V, 1.5V, 1.8V, 2.5V, Adj | 1.5 | - | - | Yes | Supervisor, Watchdog Timer | 80µ |
| **LTC2939** | Configurable 6-Supply Monitors with Watchdog Timer | PRODUCTION | 6 | 3.3V, 5V | 1.2V, 1.5V, 1.8V, 2.5V, 3.3V | 1.2V, 1.5V, 1.8V, 2.5V, Adj | 1.5 | - | - | Yes | Supervisor, Watchdog Timer | 80µ |
| **ADM12914** | ±0.8% Accurate Quad UV/OV Positive/Negative Voltage Supervisor | PRODUCTION | 4 | Adj | Adj | Adj | 0.8 | - | - | No | Supervisor | 40µ |
| **ADM2914** | Quad UV/OV Positive/Negative Voltage Supervisor | PRODUCTION | 4 | Adj, -Adj | Adj, -Adj | Adj, -Adj | 1.5 | - | - | No | Supervisor | 20µ |
| **ADM6339** | Quad Voltage Microprocessor Supervisory Circuit | PRODUCTION | 4 | 1.8V, 2.5V, 3.3V, 3V, 5V, -5V | Adj, -Adj | Adj, -Adj | 1.5 | - | - | No | Supervisor | 500n |
| **MAX16055** | Ultra-Small, Hex Voltage, Microprocessor Supervisor | PRODUCTION | 6 | Adj | Adj | Adj | 1.5 | Active Low, Open Drain, With Internal Pull-Up | 85ms to 300ms | No | - | - |
| **MAX16052** | High-Voltage, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | >=5.5, 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.8 | Active High, Open Drain | <1ms, 15ms to 85ms, 1ms to 15ms, 250ms to 450ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input | 45µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX16053** | High-Voltage, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | >=5.5, 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.8 | Active High, Push-Pull | <1ms, 15ms to 85ms, 1ms to 15ms, 250ms to 450ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input | 60µ |
| **LTC2934** | Ultra-Low Power Adjustable Supervisor with Power-Fail Output | PRODUCTION | 1 | Adj | - | - | 1.5 | - | 15ms or 200ms | No | Supervisor | 500n |
| **LTC2935** | Ultra-Low Power Supervisor with Power-Fail Output, Selectable Thresholds | PRODUCTION | 1 | 2.25V, 2.4V, 2.55V, 2.7V, 2.85V, 3.15V, 3.3V, 3V | - | - | 1.5 | - | 200ms | No | Supervisor | 500n |
| **MAX16060** | 1% Accurate, Quad-/Hex-/Octal-Voltage µP Supervisors | PRODUCTION | 4 | Adj | Adj | Adj | 1 | Active Low, Open Drain, With Internal Pull-Up | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 70µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX16061** | 1% Accurate, Quad-/Hex-/Octal-Voltage µP Supervisors | RECOMMENDED FOR NEW DESIGNS | 6 | Adj | Adj | Adj | 1 | Active Low, Open Drain, With Internal Pull-Up | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 70µ |
| **MAX16062** | 1% Accurate, Quad-/Hex-/Octal-Voltage µP Supervisors | PRODUCTION | 8 | Adj | Adj | Adj | 1 | Active Low, Open Drain, With Internal Pull-Up | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | Adjustable Reset Input, Manual Reset | 70µ |
| **MAX16063** | 1% Accurate, Low-Voltage, Quad Window Voltage Detector | PRODUCTION | 4 | Adj | Adj | Adj | 1 | Active Low, Open Drain, With Internal Pull-Up | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Manual Reset, Overvoltage/Window Monitor | 70µ |
| **ADM1184** | 0.8% Accurate Quad Voltage Monitor | PRODUCTION | 4 | Adj | Adj | Adj | 0.8 | - | - | No | Supervisor | 80µ |
| **ADM6321** | Supervisory Circuit with Watchdog, Manual Reset, and Active-High/Push-Pull Active-Low/Open-Drain | PRODUCTION | 1 | Adj | - | - | 2.5 | Active-Low, Open-Drain, Active-High, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 20µ |
| **ADM6322** | Supervisory Circuit with Manual Reset and Active-High/Push-Pull Active-Low/Open-Drain | PRODUCTION | 1 | Adj | - | - | 2.5 | - | - | No | Supervisor | 500n |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM6316** | Supervisory Circuit with Watchdog, Manual Reset, and Active-Low/Push-Pull | PRODUCTION | 1 | Adj | - | - | 2.5 | Active-Low, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 20µ |
| **ADM6318** | Supervisory Circuit with Watchdog, Manual Reset, and Active-Low/High Push-Pull | PRODUCTION | 1 | Adj | - | - | 2.5 | Active-Low, Active-High, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 20µ |
| **ADM6319** | Supervisory Circuit with Manual Reset and Active-High/Push-Pull Active-Low/Push-Pull | PRODUCTION | 1 | Adj | - | - | 2.5 | - | - | No | Supervisor | 20µ |
| **ADM6320** | Supervisory Circuit with Watchdog, Manual Reset, and Active-Low/Open-Drain | PRODUCTION | 1 | Adj | - | - | 2.5 | Active-Low, Open-Drain | - | Yes | Supervisor, Watchdog Timer | 20µ |
| **AD5100** | System-Management IC with Programmable Quad Voltage Monitoring and Supervisory Functions | PRODUCTION | 4 | Adj | Adj | Adj | - | - | - | Yes | Supervisor, Watchdog Timer | 2m |
| **MAX16997** | High-Voltage Watchdog Timers with Adjustable Timeout Delay | RECOMMENDED FOR NEW DESIGNS | 1 | - | - | - | - | - | - | Yes | Watchdog Timer | 18µ |
| **MAX16998** | High-Voltage Watchdog Timers with Adjustable Timeout Delay | PRODUCTION | 1 | - | - | - | - | - | - | Yes | Watchdog Timer | 18µ |
| **MAX6394** | High-Accuracy µP Reset Circuit | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 0.6 | Active Low, Open Drain | <1ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | Manual Reset | 15µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC2919** | Precision Triple/Dual Input UV, OV and Negative Voltage Monitor | PRODUCTION | 3 | 2.5V, 3.3V, 5V, Adj, -Adj | Adj | Adj | 1.5 | - | 200ms | No | Supervisor | 50µ |
| **LTC2930** | Configurable Six Supply Monitor with Adjustable Reset Timer, Manual Reset | PRODUCTION | 6 | 3.3V, 5V | 2.5V, 3.3V, 3V | 1.5V, 1.8V, 2.5V, Adj | 1.5 | - | - | No | Supervisor | 52µ |
| **LTC2932** | Configurable Six Supply Monitor with Adjustable Reset Timer and Supply Tolerance | PRODUCTION | 6 | 3.3V, 5V | 2.5V, 3.3V, 3V | 1.5V, 1.8V, 2.5V, Adj | 1.5 | - | - | No | Supervisor | 52µ |
| **LTC2931** | Configurable Six Supply Monitor with Adjustable Reset and Watchdog Timers | PRODUCTION | 6 | 3.3V, 5V | 2.5V, 3.3V | 1.5V, 1.8V, 2.5V, Adj | 1.5 | - | - | No | Supervisor, Watchdog Timer | 52µ |
| **ADM13307** | Triple Processor Supervisors | PRODUCTION | 3 | 1.8V, 2.5V, 3.3V, 5V | 1.8V, 3.3V, 5V | 1.8V, 3.3V, 5V | - | - | - | No | Supervisor | 16µ |
| **ADM13305** | Dual Processor Supervisors with Watchdog | PRODUCTION | 2 | Adj | Adj | - | - | - | - | Yes | Supervisor, Watchdog Timer | 40µ |
| **ADM6315** | Open-Drain Microprocessor Supervisory Circuit in 4-Lead SOT-143 | PRODUCTION | 1 | Adj | - | - | 2.5 | - | - | No | Supervisor | 20µ |
| **LTC2918** | Voltage Supervisor with 27 Selectable Thresholds and Watchdog Timer | PRODUCTION | 1 | Adj | - | - | 1.5 | - | - | Yes | Supervisor, Watchdog Timer | 30µ |
| **LTC2917** | Voltage Supervisor with 27 Selectable Thresholds and Watchdog Timer | PRODUCTION | 1 | Adj | - | - | 1.5 | - | - | Yes | Supervisor, Watchdog Timer | 30µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX16031** | EEPROM-Based System Monitors with Nonvolatile Fault Memory | PRODUCTION | 8 | Adj | Adj | Adj | - | - | - | No | Current Sensing, EEPROM, Nonvolatile Fault Event Logger, Temperature Monitor | 3m |
| **LTC2915** | Voltage Supervisor with 27 Selectable Thresholds | PRODUCTION | 1 | 1.2V, 1.5V, 1.8V, 12V, 1V, 2.5V, 3.3V, 5V, Adj | - | - | 1.5 | - | 200ms | No | Supervisor | 30µ |
| **LTC2916** | Voltage Supervisor with 9 Selectable Thresholds and Manual Reset Input | PRODUCTION | 1 | 1.2V, 1.5V, 1.8V, 12V, 1V, 2.5V, 3.3V, 5V, Adj | - | - | 1.5 | - | 200ms | No | Supervisor | 30µ |
| **ADM6710** | Low Voltage, High Accuracy, Triple/Quad Voltage Microprocessor Supervisory Circuit | PRODUCTION | 4 | 1.8V, 2.5V, 3.3V, 5V | Adj | Adj | 1.5 | - | - | No | Supervisor | 12µ |
| **LTC2953-1** | Push Button On/Off Controller with Voltage Monitoring | RECOMMENDED FOR NEW DESIGNS | 1 | Adj, -Adj | - | - | 1.5 | - | 200ms | No | Pushbutton, Supervisor | 14µ |
| **LTC2953-2** | Push Button On/Off Controller with Voltage Monitoring | RECOMMENDED FOR NEW DESIGNS | 1 | Adj, -Adj | - | - | 1.5 | - | 200ms | No | Pushbutton, Supervisor | 14µ |
| **ADM705** | Low Cost Microprocessor Supervisory Circuit | PRODUCTION | 1 | 4.65V | - | - | - | Active-Low, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 250µ |
| **ADM707** | Low Cost Microprocessor Supervisory Circuit | PRODUCTION | 1 | 4.65V | - | - | - | - | - | No | Supervisor | 250µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM706** | 3 V, Voltage Monitoring Microprocessor Supervisory Circuit | PRODUCTION | 1 | 4.4V | - | - | - | Active-Low, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 250µ |
| **ADM708** | 3 V, Voltage Monitoring Microprocessor Supervisory Circuit | PRODUCTION | 1 | 4.4V | - | - | - | - | - | No | Supervisor | 200µ |
| **ADM824** | Supervisory Circuits with Watchdog and Manual Reset in 5-Lead SC70 and SOT-23 | PRODUCTION | 1 | Adj | - | - | 2.5 | Active-Low, Push-Pull, Active-High | - | Yes | Supervisor, Watchdog Timer | 24µ |
| **ADM825** | Supervisory Circuit with Watchdog and Manual Reset in 5-Lead SC70 and SOT-23 | PRODUCTION | 1 | Adj | - | - | 2.5 | - | - | No | Supervisor, Watchdog Timer | 10µ |
| **ADM823** | Supervisory Circuit with Watchdog and Manual Reset in 5-Lead SC70 and SOT-23 | PRODUCTION | 1 | Adj | - | - | 2.5 | Active-Low, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 24µ |
| **ADM8616** | Low Voltage Supervisory Circuit with Watchdog in 4-Lead SC70 | PRODUCTION | 1 | Adj | - | - | 2.5 | Active-Low, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 20µ |
| **ADM8617** | Low Voltage Supervisory Circuit with Watchdog in 4-Lead SC70 (Active-low with an Open-Drain Output) | PRODUCTION | 1 | Adj | - | - | 2.5 | Active-Low, Open-Drain | - | Yes | Supervisor, Watchdog Timer | 92n |
| **ADM6384** | Microprocessor Supervisory Circuit in 4-Lead SC70 | PRODUCTION | 4 | Adj | Adj | Adj | 2.5 | - | - | No | Supervisor | 115µ |
| **ADM6711** | Microprocessor Supervisory Circuit in 4-Lead SC70 | PRODUCTION | 1 | Adj | - | - | 1.5 | - | - | No | Supervisor | 35µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM6713** | Microprocessor Supervisory Circuit in 4-Lead SC70 | PRODUCTION | 1 | Adj | - | - | 1.5 | - | - | No | Supervisor | 10µ |
| **ADM803** | Microprocessor Supervisory Circuit in 3-Lead SC70, Active-Low Open-Drain Output | PRODUCTION | 1 | Adj | - | - | 1.5 | - | - | No | Supervisor | 100µ |
| **ADM809** | Microprocessor Supervisory Circuit in 3-Lead SOT-23 & SC70, Active-Low Push-Pull Output | PRODUCTION | 1 | Adj | - | - | 1.5 | - | - | No | Supervisor | 60µ |
| **ADM810** | Microprocessor Supervisory Circuit in 3-Lead SOT-23 & SC70, Active-High Push-Pull Output | PRODUCTION | 1 | Adj | - | - | 1.5 | - | - | No | Supervisor | 15µ |
| **LTC2912** | Single UV/OV Voltage Monitor | PRODUCTION | 1 | Adj | - | - | 1.5 | - | 200ms | No | Supervisor | 40µ |
| **LTC2952** | Pushbutton PowerPath Controller with Supervisor | RECOMMENDED FOR NEW DESIGNS | 1 | Adj, -Adj | - | - | 1.5 | - | 200ms | Yes | Diode-OR Controller, Pushbutton, Supervisor, Watchdog Timer | 25µ |
| **MAX16042** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 1.5 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 75µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX16043** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 4 | Adj | Adj | Adj | 1.5 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 75µ |
| **MAX6730A** | Single-/Dual-/Triple-Voltage µP Supervisory Circuits with Independent Watchdog Output | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | Yes | Manual Reset | 39µ |
| **MAX6731A** | Single-/Dual-/Triple-Voltage µP Supervisory Circuits with Independent Watchdog Output | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | Yes | Manual Reset | 39µ |
| **MAX6734A** | Single-/Dual-/Triple-Voltage µP Supervisory Circuits with Independent Watchdog Output | PRODUCTION | 3 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset | 39µ |
| **LTC2910** | Octal Positive/Negative Voltage Monitor | RECOMMENDED FOR NEW DESIGNS | 8 | Adj | Adj | Adj | 1.5 | - | - | No | Supervisor | 70µ |
| **LTC2913** | Dual UV/OV Voltage Monitor | PRODUCTION | 2 | Adj | Adj | - | 1.5 | - | - | No | Supervisor | 55µ |
| **LTC2914** | Quad UV/OV Positive/Negative Voltage Monitor | PRODUCTION | 4 | Adj, -Adj | Adj, -Adj | Adj, -Adj | 1.5 | - | - | No | Supervisor | 70µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC2928** | Multichannel Power Supply Sequencer and Supervisor | RECOMMENDED FOR NEW DESIGNS | 4 | Adj | Adj | Adj | 1.5 | - | - | No | Sequencing, Supervisor | 1m |
| **MAX16027** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 1.5 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 75µ |
| **MAX16028** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 1.5 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 75µ |
| **MAX16029** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 4 | Adj | Adj | Adj | 1.5 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 75µ |
| **MAX16030** | Dual-/Triple-/Quad-Voltage, Capacitor-Adjustable, Sequencing/Supervisory Circuits | PRODUCTION | 4 | Adj | Adj | Adj | 1.5 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 75µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6715A** | Dual/Triple, Ultra-Low-Voltage, SOT23 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | - | Active Low, Open Drain | - | No | Manual Reset | 12.5µ |
| **MAX6717A** | Dual/Triple, Ultra-Low-Voltage, SOT23 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Open Drain | - | No | Manual Reset | 37µ |
| **MAX6718A** | Dual/Triple, Ultra-Low-Voltage, SOT23 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Push-Pull | - | No | Manual Reset | 37µ |
| **MAX6719A** | Dual/Triple, Ultra-Low-Voltage, SOT23 µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | Adjustable Reset Input, Manual Reset | 39µ |
| **MAX6720A** | Dual/Triple, Ultra-Low-Voltage, SOT23 µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 2.5 | Active Low, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | Adjustable Reset Input, Manual Reset | 39µ |
| **MAX6721A** | Dual/Triple, Ultra-Low-Voltage, SOT23 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Open Drain | >2s, 1s to 2s | Yes | Manual Reset | 39µ |
| **MAX6722A** | Dual/Triple, Ultra-Low-Voltage, SOT23 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Push-Pull | >2s, 1s to 2s | Yes | Manual Reset | 39µ |
| **MAX6725A** | Dual/Triple, Ultra-Low-Voltage, SOT23 µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 2.5 | Active High, Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset | 39µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6728A** | Dual/Triple, Ultra-Low-Voltage, SOT23 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Open Drain | >2s, 1s to 2s | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 39µ |
| **MAX6729A** | Dual/Triple, Ultra-Low-Voltage, SOT23 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Push-Pull | >2s, 1s to 2s | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 39µ |
| **MAX6797A** | Dual/Triple, Ultra-Low-Voltage, SOT23 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Push-Pull | >2s, 1s to 2s | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 39µ |
| **ADM690A** | µP Supervisor with Backup Battery Switchover, Watchdog Feature, Power Fail Warning, 4.65V Threshold Voltage, Active Low Reset | PRODUCTION | 1 | 4.65V | - | - | - | Active-Low, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 1.95m |
| **ADM691A** | Microprocessor Supervisor with Backup Battery Switchover, Adjustable Reset and Watchdog Periods, Chip Enable Signals, 4.65V Threshold Voltage, Watchdog, Battery Backup and Low VCC Status O/Ps and 250mA Output Current | PRODUCTION | 1 | 4.65V | - | - | - | Active-Low, Open-Drain, Active-High, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 1.95m |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM692A** | Microprocessor Supervisor with Backup Battery Switchover, Watchdog Feature, Power Fail Warning, 4.4V Threshold Voltage, Active Low Reset and 250mA Output Current | PRODUCTION | 1 | 4.4V | - | - | - | Active-Low, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 1.95m |
| **ADM693** | Microprocessor Supervisor with Backup Battery Switchover, Watchdog Feature, Power Fail Warning, 4.4V Threshold Voltage, 100mA Output Current | PRODUCTION | 1 | 4.4V | - | - | 1.8 | Active-Low, Active-High, Push-Pull | 50ms | Yes | Supervisor, Watchdog Timer | 100µ |
| **ADM693A** | Microprocessor Supervisor with Backup Battery Switchover, Watchdog Feature, Power Fail Warning, 4.4V Threshold Voltage, 250mA Output Current | PRODUCTION | 1 | 4.4V | - | - | - | Active-Low, Active-High, Open-Drain, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 1.95m |
| **ADM695** | Microprocessor Supervisor with Backup Battery Switchover, Adjustable Reset Period | PRODUCTION | 1 | Adj | - | - | 1.7 | Active-Low, Active-High, Push-Pull | 200ms | Yes | Supervisor, Watchdog Timer | 1.95m |
| **ADM698** | Microprocessor Supervisory Circuit | PRODUCTION | 1 | 4.65V | - | - | - | - | - | No | Supervisor | 1.95m |
| **ADM699** | Microprocessor Supervisory Circuits | PRODUCTION | 1 | 4.65V | - | - | - | Active-Low, Active-High, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 250µ |
| **ADM800** | Microprocessor Supervisor , Adjustable Reset and Watchdog Periods | PRODUCTION | 1 | 4.4V, 4.65V | - | - | - | Active-Low, Active-High, Open-Drain, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 100µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM802** | Microprocessor Supervisor with Backup Battery Switchover, Watchdog Feature, Power Fail Warning, 4.4V/4.65V Threshold Voltage with ±2% Accuracy, Active Low Reset and 250mA Output Current | PRODUCTION | 1 | 4.4V, 4.65V | - | - | - | Active-Low, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 60µ |
| **ADM805** | Microprocessor Supervisor with Backup Battery Switchover, Watchdog Feature, Power Fail Warning, 4.4V/4.65V Threshold Voltage, Active High Reset and 250mA Output Current | PRODUCTION | 1 | 4.4V, 4.65V | - | - | - | Active-High, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 60µ |
| **ADM811** | Microprocessors Supervisory Circuit in 4-Lead SOT-143, Logic Low RESET Bar Output | PRODUCTION | 1 | Adj | - | - | 1.5 | - | - | No | Supervisor | 15µ |
| **ADM812** | Microprocessors Supervisory Circuit in 4-Lead SOT-143, Logic High RESET Output | PRODUCTION | 1 | Adj | - | - | 1.5 | - | - | No | Supervisor | 24µ |
| **ADM8690** | Microprocessor Supervisory Circuit, 8-Pin DIP | PRODUCTION | 1 | 4.65V | - | - | 2.5 | Active-Low, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 200µ |
| **ADM8691** | Microprocessor Supervisory Circuit | PRODUCTION | 1 | 4.65V | - | - | 2.5 | Active-Low, Active-High, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 200µ |
| **ADM8695** | Microprocessor Supervisor with Backup Battery Switchover | PRODUCTION | 1 | 4.65V | - | - | 2.5 | Active-Low, Active-High, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 200µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM8696** | Microprocessor Supervisory Circuit | PRODUCTION | 1 | 1.3V | - | - | 2.5 | Active-Low, Active-High, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 200µ |
| **ADM8697** | Microprocessor Supervisor with Chip Enable Signals, Adjustable Low Line Voltage Monitor, Adjustable Watchdog Timer, Low Line, Power Fail and Watchdog Status Outputs, Reduced Power Consumption. Upgrade for ADM697 | PRODUCTION | 1 | Adj | - | - | 2.5 | - | - | Yes | Supervisor, Watchdog Timer | 100µ |
| **ADM8699** | Microprocessor Supervisory Circuit with Watchdog Feature, 4.65V Threshold Voltage, Low Supply Current and Active Low Reset Output. Upgrade for ADM699 | PRODUCTION | 1 | 4.65V | - | - | 2.5 | Active-Low, Active-High, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 55µ |
| **ADM9690** | Power Supply and Watchdog Timer Monitoring Circuit | PRODUCTION | 1 | 4.31V | - | - | 1.5 | Active-Low, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 100µ |
| **ADM709** | Power Supply Monitor with Reset | PRODUCTION | 1 | Adj | - | - | - | - | - | No | Supervisor | 100µ |
| **ADM692** | Microprocessor Supervisor with Backup Battery Switchover, Watchdog Feature, Power Fail Warning, 4.4V Threshold Voltage, Active Low Reset and 100mA Output Current | PRODUCTION | 1 | 4.4V | - | - | 1.8 | Active-Low, Push-Pull | 50ms | Yes | Supervisor, Watchdog Timer | 100µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM694** | Microprocessor Supervisor with Backup Battery Switchover, Watchdog Feature, Power Fail Warning, 4.65V Threshold Voltage, Active Low Reset and 100mA Output Current | PRODUCTION | 1 | 4.65V | - | - | 1.7 | Active-Low, Push-Pull | 200ms | Yes | Supervisor, Watchdog Timer | 1.95m |
| **ADM690** | Functions: 4.65 V Reset, Battery Switchover, Watchdog Timer, Power Fail Input | PRODUCTION | 1 | 4.65V | - | - | 1.7 | Active-Low, Push-Pull | 50ms | Yes | Supervisor, Watchdog Timer | 100µ |
| **ADM691** | Microprocessor Supervisor with Backup Battery Switchover, 50 ms Nominal Adjustable Reset Period, Adjustable Watchdog Period, Chip Enable Signals, 4.65V Threshold Voltage, Watchdog, Backup Battery and Low VCC Status O/Ps and 100mA Output Current | PRODUCTION | 1 | 4.65V | - | - | 1.7 | Active-Low, Active-High, Push-Pull | 50ms | Yes | Supervisor, Watchdog Timer | 100µ |
| **ADM1810** | Microprocessor Supervisory in SOT-23 with Active High and Low Push-Pull Output | PRODUCTION | 1 | 4.35v, 4.62V | - | - | 1.5 | - | - | No | Supervisor | 16µ |
| **ADM1811** | Microprocessor Supervisory in SOT-23 with Open Drain Output Choices | PRODUCTION | 1 | 4.35v, 4.62V | - | - | 1.5 | - | - | No | Supervisor | 16µ |
| **ADM1812** | Microprocessor Supervisory in SOT-23 with Active High and Low Push-Pull Output, Positive Reset Output | PRODUCTION | 1 | 4.35v, 4.62V | - | - | 1.5 | - | - | No | Supervisor | 16µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM1813** | Microprocessor Supervisory in SOT-23 with Active Low Open Drain Output Choices | PRODUCTION | 1 | 4.35v, 4.62V | - | - | 1.5 | - | - | No | Supervisor | 16µ |
| **ADM1815** | Microprocessor Supervisory in SOT-23 with Active Low Push-Pull Output Choices | PRODUCTION | 1 | Adj | - | - | 1.5 | - | - | No | Supervisor | 16µ |
| **ADM1816** | Microprocessor Supervisory in SOT-23 with Low Active OpenDrain Output Choices | PRODUCTION | 1 | Adj | - | - | 1.5 | - | - | No | Supervisor | 16µ |
| **ADM696** | Microprocessor Supervisor with Backup Battery Switchover, Adjustable Low Line Voltage Monitor, Adjustable Watchdog Timer, Low Line, Power Fail and Watchdog Status Outputs and 100mA Output Current | PRODUCTION | 1 | Adj | - | - | - | Active-Low, Active-High, Push-Pull | 50ms, Adj | Yes | Supervisor, Watchdog Timer | 1.95m |
| **ADM697** | Microprocessor Supervisor with Chip Enable Signals, Adjustable Low Line Voltage Monitor, Adjustable Watchdog Timer, Low Line, Power Fail and Watchdog Status Outputs and 100mA Output Current | PRODUCTION | 1 | Adj | - | - | - | Active-Low, Active-High, Push-Pull | 50ms, Adj | Yes | Supervisor, Watchdog Timer | 1.95m |
| **MAX16000** | Low-Voltage, Quad-/Hex-/Octal-Voltage µP Supervisors | PRODUCTION | 4 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain, With Internal Pull-Up | <1ms | No | Adjustable Reset Input | 70µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX16001** | Low-Voltage, Quad-/Hex-/Octal-Voltage µP Supervisors | PRODUCTION | 4 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain, With Internal Pull-Up | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 70µ |
| **MAX16002** | Low-Voltage, Quad-/Hex-/Octal-Voltage µP Supervisors | PRODUCTION | 4 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain, With Internal Pull-Up | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Manual Reset | 70µ |
| **MAX16003** | Low-Voltage, Quad-/Hex-/Octal-Voltage µP Supervisors | PRODUCTION | 6 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain, With Internal Pull-Up | <1ms | No | Adjustable Reset Input, Power Fail Comparator/Low Battery Detect | 70µ |
| **MAX16004** | Low-Voltage, Quad-/Hex-/Octal-Voltage µP Supervisors | PRODUCTION | 6 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain, With Internal Pull-Up | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 70µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX16005** | Low-Voltage, Quad-/Hex-/Octal-Voltage µP Supervisors | PRODUCTION | 6 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain, With Internal Pull-Up | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | Adjustable Reset Input, Manual Reset | 70µ |
| **MAX16006** | Low-Voltage, Quad-/Hex-/Octal-Voltage µP Supervisors | PRODUCTION | 8 | Adj | Adj | Adj | - | Active Low, Open Drain, With Internal Pull-Up | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | Adjustable Reset Input, Manual Reset | 70µ |
| **MAX16007** | Low-Voltage, Quad-/Hex-/Octal-Voltage µP Supervisors | PRODUCTION | 8 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | Adjustable | Yes | Adjustable Reset Input, Manual Reset | 70µ |
| **MAX16008** | Low-Voltage, High-Accuracy, Quad Window Monitor in Small TQFN Package | PRODUCTION | 4 | Adj | Adj | Adj | 1.5 | Active Low, Open Drain, With Internal Pull-Up | <1ms | No | Adjustable Reset Input, Overvoltage/Window Monitor | 70µ |
| **MAX16009** | Low-Voltage, High-Accuracy, Quad Window Monitor in Small TQFN Package | PRODUCTION | 4 | Adj | Adj | Adj | 1.5 | Active Low, Open Drain, With Internal Pull-Up | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Manual Reset, Overvoltage/Window Monitor | 70µ |
| **LTC2909** | Precision Triple/Dual Input UV, OV and Negative Voltage Monitor | PRODUCTION | 3 | 2.5V, 3.3V, 5V, Adj, -Adj | Adj, -Adj | Adj, -Adj | 1.5 | - | 200ms, Adj | No | Supervisor | 50µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADM1818** | Microprocessor Supervisory in SOT-23 with Manual Push Button Option | PRODUCTION | 4 | Adj | Adj | - | 1.5 | - | - | No | Pushbutton, Supervisor | 62µ |
| **MAX6775** | Low-Power, 1%-Accurate Battery Monitor in µDFN and SC70 Packages | PRODUCTION | 1 | >=5.5, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active Low, Push-Pull | <1ms | No | Power Fail Comparator/Low Battery Detect | - |
| **MAX6776** | Low-Power, 1%-Accurate Battery Monitor in µDFN and SC70 Packages | PRODUCTION | 1 | >=5.5, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active Low, Open Drain | <1ms | No | Power Fail Comparator/Low Battery Detect | 7µ |
| **MAX6777** | Low-Power, 1%-Accurate Battery Monitor in µDFN and SC70 Packages | PRODUCTION | 1 | >=5.5, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active Low, Push-Pull | <1ms | No | Power Fail Comparator/Low Battery Detect | 7µ |
| **MAX6778** | Low-Power, 1%-Accurate Battery Monitor in µDFN and SC70 Packages | PRODUCTION | 1 | >=5.5, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active Low, Open Drain | <1ms | No | Power Fail Comparator/Low Battery Detect | 7µ |
| **MAX6779** | Low-Power, 1%-Accurate Battery Monitor in µDFN and SC70 Packages | PRODUCTION | 2 | Adj | Adj | - | 1 | Active Low, Push-Pull | - | No | Power Fail Comparator/Low Battery Detect | 7µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6780** | Low-Power, 1%-Accurate Battery Monitor in µDFN and SC70 Packages | PRODUCTION | 2 | Adj | Adj | - | 1 | Active Low, Open Drain | - | No | Power Fail Comparator/Low Battery Detect | 7µ |
| **MAX16010** | Ultra-Small, Overvoltage Protection/Detection Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Open Drain | - | No | Adjustable Reset Input, Overvoltage/Window Monitor | 30µ |
| **MAX16011** | Ultra-Small, Overvoltage Protection/Detection Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Open Drain | - | No | Adjustable Reset Input, Overvoltage/Window Monitor | 30µ |
| **MAX16012** | Ultra-Small, Overvoltage Protection/Detection Circuits | PRODUCTION | 1 | >=5.5, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | <1ms | No | Adjustable Reset Input, Overvoltage/Window Monitor | 30µ |
| **MAX16013** | Ultra-Small, Overvoltage Protection/Detection Circuits | PRODUCTION | 1 | >=5.5, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | <1ms | No | Adjustable Reset Input, Overvoltage/Window Monitor | 30µ |
| **ADM6823** | Low Voltage, Supervisory Circuit with Watchdog and Manual Reset in 5-Lead SOT-23 | PRODUCTION | 1 | Adj | - | - | 2.5 | Active-Low, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 1.95m |
| **MAX6887** | Hex/Quad, Power-Supply Supervisory Circuits | PRODUCTION | 6 | Adj | Adj | Adj | 1 | - | - | Yes | Watchdog Timer | 900µ |
| **MAX6888** | Hex/Quad, Power-Supply Supervisory Circuits | PRODUCTION | 4 | Adj | Adj | Adj | 1 | - | - | Yes | Watchdog Timer | 900µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6895** | Ultra-Small, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.8 | Active High, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Overvoltage/Window Monitor | 20µ |
| **MAX6896** | Ultra-Small, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.8 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Overvoltage/Window Monitor | 20µ |
| **MAX6897** | Ultra-Small, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.8 | Active High, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Overvoltage/Window Monitor | 20µ |
| **MAX6898** | Ultra-Small, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.8 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Overvoltage/Window Monitor | 20µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6899** | Ultra-Small, Adjustable Sequencing/Supervisory Circuits | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.8 | Active High, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input, Overvoltage/Window Monitor | 20µ |
| **MAX6399** | High-Voltage, Overvoltage/Undervoltage, Protection Switch Controller | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | <1ms | No | Adjustable Reset Input, Latched Output, Overvoltage/Window Monitor | 24µ |
| **ADM1232** | Microprocessor Supervisory Circuit | PRODUCTION | 1 | 4.37V, 4.62V | - | - | 2.5 | Active-Low, Active-High, Open-Drain, Push-Pull | - | Yes | Supervisor, Watchdog Timer | 50µ |
| **MAX6884** | EEPROM-Programmable, Hex, Power-Supply Supervisors with an ADC | PRODUCTION | 6 | Adj | Adj | Adj | 1 | - | - | Yes | EEPROM, Watchdog Timer | 900µ |
| **MAX6885** | EEPROM-Programmable, Hex, Power-Supply Supervisors with an ADC | PRODUCTION | 6 | Adj | Adj | Adj | 1 | - | - | Yes | EEPROM, Watchdog Timer | 900µ |
| **MAX6886** | Pin-Selectable, Hex Power-Supply Supervisory Circuit | PRODUCTION | 6 | Adj | Adj | Adj | 1 | - | - | Yes | Watchdog Timer | 900µ |
| **LTC2903-A1** | Precision Quad Supply Monitor in 6-Lead SOT-23 | PRODUCTION | 4 | 3V | 2.5V | 1.8V | 1.5 | - | 200ms | No | Supervisor | 20µ |
| **LTC2903-B1** | Precision Quad Supply Monitor in 6-Lead SOT-23 | PRODUCTION | 4 | 5V | 3.3V | 2.5V | 1.5 | - | 200ms | No | Supervisor | 20µ |
| **LTC2903-C1** | Precision Quad Supply Monitor in 6-Lead SOT-23 | PRODUCTION | 4 | 5V | 3.3V | 1.8V | 1.5 | - | 200ms | No | Supervisor | 20µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC2903-D1** | Precision Quad Supply Monitor in 6-Lead SOT-23 | PRODUCTION | 4 | 3.3V | Adj | Adj | 1.5 | - | 200ms | No | Supervisor | 20µ |
| **LTC2903-E1** | Precision Quad Supply Monitor in 6-Lead SOT-23 | PRODUCTION | 4 | 5V | Adj | Adj | 1.5 | - | 200ms | No | Supervisor | 20µ |
| **LTC2908** | Precision Six Input Supply Monitor | PRODUCTION | 6 | 3.3V | 2.5V | 1.8V | 1.5 | - | 200ms | No | Supervisor | 50µ |
| **MAX6854** | Nanopower µP Supervisory Circuits with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | Manual Reset | 170n |
| **MAX6856** | Nanopower µP Supervisory Circuits with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | Manual Reset | 170n |
| **MAX6860** | Nanopower µP Supervisory Circuits with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | - | 170n |
| **MAX6861** | Nanopower µP Supervisory Circuits with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 170n |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6862** | Nanopower µP Supervisory Circuits with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active High, Push-Pull | 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 170n |
| **MAX6863** | Nanopower µP Supervisory Circuits with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 170n |
| **MAX6864** | Nanopower µP Supervisory Circuits with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | Yes | Manual Reset | 170n |
| **MAX6866** | Nanopower µP Supervisory Circuits with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | Yes | Manual Reset | 170n |
| **MAX6869** | Nanopower µP Supervisory Circuits with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | Yes | Manual Reset | 170n |
| **LTC2906** | Precision Dual Supply Monitors with One Pin-Selectable Threshold and One Adjustable Input | PRODUCTION | 2 | 2.5V, 3.3V, 5V | Adj | - | 1.5 | - | 200ms | No | Supervisor | 50µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC2907** | Precision Dual Supply Monitors with One Pin-Selectable Threshold and One Adjustable Input | PRODUCTION | 2 | 2.5V, 3.3V, 5V | Adj | - | 1.5 | - | Adj | No | Supervisor | 50µ |
| **LTC2904** | Precision Dual Supply Monitor with Pin-Selectable Thresholds | PRODUCTION | 2 | 2.5V, 3.3V, 5V | 1.2V, 1.5V, 1.8V, 1V, 2.5V, 3.3V | - | 1.5 | - | 200ms | No | Supervisor | 65µ |
| **LTC2905** | Precision Dual Supply Monitor with Pin-Selectable Thresholds | PRODUCTION | 2 | 2.5V, 3.3V, 5V | 1.2V, 1.5V, 1.8V, 1V, 2.5V, 3.3V | - | 1.5 | - | Adj | No | Supervisor | 65µ |
| **MAX6754** | Low-Power, Single/Dual-Voltage Window Detectors | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | <1ms, 85ms to 300ms | No | Manual Reset, Overvoltage/Window Monitor | 23µ |
| **MAX6755** | Low-Power, Single/Dual-Voltage Window Detectors | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Push-Pull | <1ms, 85ms to 300ms | No | Manual Reset, Overvoltage/Window Monitor | 23µ |
| **MAX6756** | Low-Power, Single/Dual-Voltage Window Detectors | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | <1ms, 85ms to 300ms | No | Manual Reset, Overvoltage/Window Monitor | 23µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6757** | Low-Power, Single/Dual-Voltage Window Detectors | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | <1ms, 85ms to 300ms | No | Manual Reset, Overvoltage/Window Monitor | 23µ |
| **MAX6759** | Low-Power, Single/Dual-Voltage Window Detectors | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | <1ms, 85ms to 300ms | No | Manual Reset, Overvoltage/Window Monitor | 23µ |
| **MAX6760** | Low-Power, Single/Dual-Voltage Window Detectors | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Push-Pull | - | No | Latched Output, Manual Reset, Overvoltage/Window Monitor | 23µ |
| **MAX6762** | Low-Power, Single/Dual-Voltage Window Detectors | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Open Drain | - | No | Latched Output, Manual Reset, Overvoltage/Window Monitor | 23µ |
| **MAX6763** | Low-Power, Single/Dual-Voltage Window Detectors | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | <1ms, 85ms to 300ms | No | Overvoltage/Window Monitor | 23µ |
| **MAX6764** | Low-Power, Single/Dual-Voltage Window Detectors | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | <1ms, 85ms to 300ms | No | Overvoltage/Window Monitor | 23µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6846** | Low-Power, Adjustable Battery Monitors with Hysteresis and Integrated µP Reset | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | >1s, 85ms to 300ms | No | Manual Reset, Power Fail Comparator/Low Battery Detect | 7µ |
| **MAX6814** | 5-Pin Watchdog Timer Circuit | PRODUCTION | 1 | - | - | - | - | - | - | Yes | Watchdog Timer | 10µ |
| **MAX6454** | µP Supervisors with Separate VCC Reset and Manual Reset Outputs | PRODUCTION | 2 | Adj | Adj | - | 1.5 | - | - | No | - | 2.5µ |
| **MAX6455** | µP Supervisors with Separate VCC Reset and Manual Reset Outputs | PRODUCTION | 2 | Adj | Adj | - | 1.5 | - | - | No | - | 2.5µ |
| **MAX6456** | µP Supervisors with Separate VCC Reset and Manual Reset Outputs | PRODUCTION | 2 | Adj | Adj | - | 2.5 | - | - | No | - | 1.5µ |
| **MAX6730** | Single-/Dual-/Triple-Voltage µP Supervisory Circuits with Independent Watchdog Output | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | Yes | Manual Reset | 37µ |
| **MAX6731** | Single-/Dual-/Triple-Voltage µP Supervisory Circuits with Independent Watchdog Output | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | Yes | Manual Reset | 37µ |
| **MAX6734** | Single-/Dual-/Triple-Voltage µP Supervisory Circuits with Independent Watchdog Output | PRODUCTION | 3 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset | 37µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6735** | Single-/Dual-/Triple-Voltage µP Supervisory Circuits with Independent Watchdog Output | PRODUCTION | 3 | Adj | Adj | Adj | 2.5 | Active Low, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset | 37µ |
| **MAX6443** | µP Reset Circuits with Long Manual Reset Setup Period | PRODUCTION | 1 | 1.6 to 4.6 | - | - | 1.5 | - | - | - | - | 7µ |
| **MAX6444** | µP Reset Circuits with Long Manual Reset Setup Period | PRODUCTION | 1 | 1.6 to 4.6 | - | - | 1.5 | - | - | - | - | 7µ |
| **MAX6445** | µP Reset Circuits with Long Manual Reset Setup Period | PRODUCTION | 1 | 1.6 to 4.6 | - | - | 1.5 | - | - | - | - | 7µ |
| **MAX6446** | µP Reset Circuits with Long Manual Reset Setup Period | PRODUCTION | 1 | 1.6 to 4.6 | - | - | 1.5 | - | - | - | - | 7µ |
| **MAX6447** | µP Reset Circuits with Long Manual Reset Setup Period | PRODUCTION | 1 | 1.6 to 4.6 | - | - | 1.5 | - | - | - | - | 7µ |
| **MAX6450** | µP Reset Circuits with Long Manual Reset Setup Period | PRODUCTION | 2 | Adj | Adj | - | 1.5 | - | - | No | - | 25µ |
| **MAX6452** | µP Reset Circuits with Long Manual Reset Setup Period | PRODUCTION | 2 | Adj | Adj | - | 1.5 | - | - | No | - | 2.5µ |
| **MAX6842** | Ultra-Low-Voltage µP Reset Circuits and Voltage Detectors | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8 | - | - | 2.5 | Active High, Active Low, Open Drain, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 20µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6843** | Ultra-Low-Voltage µP Reset Circuits and Voltage Detectors | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Adjustable Reset Input, Manual Reset | 20µ |
| **MAX6845** | Ultra-Low-Voltage µP Reset Circuits and Voltage Detectors | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Adjustable Reset Input, Manual Reset | 20µ |
| **MAX6736** | Low-Power Dual-/Triple-Voltage SC70 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 3 | Active Low, Open Drain | - | No | Manual Reset | 12µ |
| **MAX6737** | Low-Power Dual-/Triple-Voltage SC70 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 3 | Active Low, Push-Pull | - | No | Manual Reset | 12µ |
| **MAX6738** | Low-Power Dual-/Triple-Voltage SC70 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 3 | Active Low, Open Drain | - | No | Adjustable Reset Input, Manual Reset | 10µ |
| **MAX6740** | Low-Power Dual-/Triple-Voltage SC70 µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 3 | Active Low, Open Drain | >1s, 85ms to 300ms | No | Adjustable Reset Input, Manual Reset | 12µ |
| **MAX6741** | Low-Power Dual-/Triple-Voltage SC70 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 3 | Active Low, Open Drain | - | No | Manual Reset | 12µ |
| **MAX6743** | Low-Power Dual-/Triple-Voltage SC70 µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 3 | Active Low, Push-Pull | >1s, 85ms to 300ms | No | Adjustable Reset Input | 12µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC2900** | Programmable Quad Supply Monitor with Adjustable Reset Timer | PRODUCTION | 4 | 3.3V, 5V | 2.5V, 3.3V, 3V | 1.5V, 1.8V, 2.5V, Adj | 1.5 | - | Adj | No | Supervisor | 43µ |
| **LTC2901** | Programmable Quad Supply Monitor with Adjustable Reset and Watchdog Timers | PRODUCTION | 4 | 3.3V, 5V | 2.5V, 3.3V, 3V | 1.5V, 1.8V, 2.5V, Adj | 1.5 | - | Adj | Yes | Supervisor, Watchdog Timer | 43µ |
| **LTC2902** | Programmable Quad Supply Monitor with Adjustable Reset Timer and Supply Tolerance | PRODUCTION | 4 | 3.3V, 5V | 2.5V, 3.3V, 3V | 1.5V, 1.8V, 2.5V, Adj | 1.5 | - | Adj | No | Supervisor | 43µ |
| **MAX6461** | Ultra-Low-Power Voltage Detectors and µP Supervisory Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active Low, Push-Pull | <1ms | No | - | 3.5µ |
| **MAX6463** | Ultra-Low-Power Voltage Detectors and µP Supervisory Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active Low, Open Drain | <1ms | No | - | 3.5µ |
| **MAX6464** | Ultra-Low-Power Voltage Detectors and µP Supervisory Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | No | - | 3.5µ |
| **MAX6466** | Ultra-Low-Power Voltage Detectors and µP Supervisory Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | 85ms to 300ms | No | - | 3.5µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6746** | µP Reset Circuits with Capacitor-Adjustable Reset/Watchdog Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | Manual Reset | 10µ |
| **MAX6747** | µP Reset Circuits with Capacitor-Adjustable Reset/Watchdog Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | Manual Reset | 10µ |
| **MAX6748** | µP Reset Circuits with Capacitor-Adjustable Reset/Watchdog Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | Adjustable Reset Input | 10µ |
| **MAX6749** | µP Reset Circuits with Capacitor-Adjustable Reset/Watchdog Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | Adjustable Reset Input | 10µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6750** | µP Reset Circuits with Capacitor-Adjustable Reset/Watchdog Timeout Delay | PRODUCTION | 2 | Adj | Adj | - | 2 | Active Low, Push-Pull | <1s, >2s, 1s to 2s, Adjustable | Yes | Adjustable Reset Input | 10µ |
| **MAX6751** | µP Reset Circuits with Capacitor-Adjustable Reset/Watchdog Timeout Delay | PRODUCTION | 2 | Adj | Adj | - | 2 | Active Low, Open Drain | <1s, >2s, 1s to 2s, Adjustable | Yes | Adjustable Reset Input | 10µ |
| **MAX6752** | µP Reset Circuits with Capacitor-Adjustable Reset/Watchdog Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | - | 10µ |
| **MAX6753** | µP Reset Circuits with Capacitor-Adjustable Reset/Watchdog Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | - | 10µ |
| **MAX6457** | High-Voltage, Low-Current Voltage Monitors in SOT Packages | PRODUCTION | 1 | >=5.5, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | - | Active Low, Open Drain | <1ms, 85ms to 300ms | No | Latched Output | 12.5µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6458** | High-Voltage, Low-Current Voltage Monitors in SOT Packages | PRODUCTION | 1 | >=5.5, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | - | Active Low, Open Drain | <1ms, 85ms to 300ms | No | Latched Output, Overvoltage/Window Monitor | 12.5µ |
| **MAX6459** | High-Voltage, Low-Current Voltage Monitors in SOT Packages | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Open Drain | - | No | Adjustable Reset Input, Overvoltage/Window Monitor | 1.5µ |
| **MAX6460** | High-Voltage, Low-Current Voltage Monitors in SOT Packages | PRODUCTION | 1 | >=5.5, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | - | Active High, Open Drain | <1ms | No | Overvoltage/Window Monitor | 12.5µ |
| **MAX6467** | Microprocessor Supervisory Reset Circuits with Edge-Triggered, One-Shot Manual Reset | RECOMMENDED FOR NEW DESIGNS | 1 | 1.8V, 2.5V, 3.3V, 3V, 5V | - | - | 1.5 | - | - | No | Manual Reset | 7µ |
| **MAX6468** | Microprocessor Supervisory Reset Circuits with Edge-Triggered, One-Shot Manual Reset | PRODUCTION | 1 | 1.8V, 2.5V, 3.3V, 3V, 5V | - | - | 1.5 | - | - | No | Manual Reset | 7µ |
| **DS1831A** | Multisupply MicroMonitor™ | PRODUCTION | 4 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | 15ms to 85ms, 300ms to 1s, 85ms to 300ms | Yes | Manual Reset | 100µ |
| **DS1831B** | Multisupply MicroMonitor™ | PRODUCTION | 4 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | 15ms to 85ms, 300ms to 1s, 85ms to 300ms | No | Manual Reset | 100µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DS1831C** | 3.3V/2.5V Multisupply Micromonitor | PRODUCTION | 4 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | 15ms to 85ms, 300ms to 1s, 85ms to 300ms | No | Manual Reset | 100µ |
| **MAX6340** | Low-Power, SC70/SOT µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | - | 2.5µ |
| **MAX6421** | Low-Power, SC70/SOT µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | - | 2.5µ |
| **MAX6422** | Low-Power, SC70/SOT µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | - | 2.5µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6423** | Low-Power, SC70/SOT µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | - | 2.5µ |
| **MAX6424** | Low-Power, SC70/SOT µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | - | 2.5µ |
| **MAX6425** | Low-Power, SC70/SOT µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | - | 2.5µ |
| **MAX6426** | Low-Power, SC70/SOT µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | - | 2.5µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6709** | Low-Voltage, High-Accuracy, Quad Voltage Monitors in µMAX Package | PRODUCTION | 4 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | <1ms | No | Adjustable Reset Input | 50µ |
| **MAX6714** | Low-Voltage, High-Accuracy, Quad Voltage Monitors in µMAX Package | PRODUCTION | 4 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 90µ |
| **MAX6412** | Low-Power, Single/Dual-Voltage µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Manual Reset | 2.5µ |
| **MAX6413** | Low-Power, Single/Dual-Voltage µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Manual Reset | 2.5µ |
| **MAX6414** | Low-Power, Single/Dual-Voltage µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Manual Reset | 2.5µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6415** | Low-Power, Single/Dual-Voltage µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 4 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input | 2.5µ |
| **MAX6416** | Low-Power, Single/Dual-Voltage µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 4 | Active High, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input | 2.5µ |
| **MAX6417** | Low-Power, Single/Dual-Voltage µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 4 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | No | Adjustable Reset Input | 2.5µ |
| **MAX6418** | Low-Power, Single/Dual-Voltage µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Push-Pull | - | Yes | Adjustable Reset Input | 50µ |
| **MAX6419** | Low-Power, Single/Dual-Voltage µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active High, Push-Pull | - | Yes | Adjustable Reset Input | 50µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6420** | Low-Power, Single/Dual-Voltage µP Reset Circuits with Capacitor-Adjustable Reset Timeout Delay | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Open Drain | - | No | Adjustable Reset Input | 13µ |
| **MAX6427** | Low-Power, Single/Dual-Level Battery Monitors with Hysteresis | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | No | Power Fail Comparator/Low Battery Detect | 1.5µ |
| **MAX6430** | Low-Power, Single/Dual-Level Battery Monitors with Hysteresis | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Push-Pull | - | No | Power Fail Comparator/Low Battery Detect | 13µ |
| **MAX6433** | Low-Power, Single/Dual-Level Battery Monitors with Hysteresis | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | No | Power Fail Comparator/Low Battery Detect | 1.5µ |
| **MAX6434** | Low-Power, Single/Dual-Level Battery Monitors with Hysteresis | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | 85ms to 300ms | No | Power Fail Comparator/Low Battery Detect | 1.5µ |
| **MAX6436** | Low-Power, Single/Dual-Level Battery Monitors with Hysteresis | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Push-Pull | - | No | Power Fail Comparator/Low Battery Detect | 25µ |
| **MAX6700** | Low-Voltage, High-Accuracy, Triple/Quad Voltage µP Supervisory Circuits in SOT Package | PRODUCTION | 3 | Adj | Adj | Adj | 1.5 | Active Low, Open Drain | <1ms | No | Adjustable Reset Input | 50µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6710** | Low-Voltage, High-Accuracy, Triple/Quad Voltage µP Supervisory Circuits in SOT Package | PRODUCTION | 4 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | 85ms to 300ms | No | Adjustable Reset Input | 40µ |
| **DS1233** | 5V EconoReset | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain, With Internal Pull-Up | 250ms to 450ms | No | Manual Reset | 50µ |
| **DS1233A** | 3.3V EconoReset | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active Low, Open Drain, With Internal Pull-Up | 85ms to 300ms | No | Manual Reset | 50µ |
| **DS1815** | 3.3V EconoReset with Push-Pull Output | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | No | - | 35µ |
| **MAX6717** | Dual/Triple Ultra-Low-Voltage SOT23 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Open Drain | - | No | Manual Reset | 39µ |
| **MAX6718** | Dual/Triple Ultra-Low-Voltage SOT23 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Push-Pull | - | No | Manual Reset | 39µ |
| **MAX6719** | Dual/Triple Ultra-Low-Voltage SOT23 µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | Adjustable Reset Input, Manual Reset | 37µ |
| **MAX6720** | Dual/Triple Ultra-Low-Voltage SOT23 µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 2.5 | Active Low, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | Adjustable Reset Input, Manual Reset | 37µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6722** | Dual/Triple Ultra-Low-Voltage SOT23 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Push-Pull | >2s, 1s to 2s | Yes | Manual Reset | 37µ |
| **MAX6723** | Dual/Triple Ultra-Low-Voltage SOT23 µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | Yes | Adjustable Reset Input | 37µ |
| **MAX6725** | Dual/Triple Ultra-Low-Voltage SOT23 µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 2.5 | Active High, Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset | 37µ |
| **MAX6726** | Dual/Triple Ultra-Low-Voltage SOT23 µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 2.5 | Active High, Active Low, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset | 37µ |
| **MAX6727** | Dual/Triple Ultra-Low-Voltage SOT23 µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset | 37µ |
| **MAX6728** | Dual/Triple Ultra-Low-Voltage SOT23 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Open Drain | >2s, 1s to 2s | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 37µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6729** | Dual/Triple Ultra-Low-Voltage SOT23 µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Push-Pull | >2s, 1s to 2s | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 37µ |
| **MXD1810** | Low-Power µP Reset Circuits in 3-Pin SC70/SOT23 | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | 85ms to 300ms | No | - | 10µ |
| **MXD1811** | Low-Power µP Reset Circuits in 3-Pin SC70/SOT23 | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | 85ms to 300ms | No | - | 10µ |
| **MXD1812** | Low-Power µP Reset Circuits in 3-Pin SC70/SOT23 | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 1.5 | Active High, Push-Pull | 85ms to 300ms | No | - | 10µ |
| **MXD1815** | Low-Power µP Reset Circuits in 3-Pin SC70/SOT23 | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3 | - | - | 1.5 | Active Low, Push-Pull | 85ms to 300ms | No | - | 10µ |
| **MXD1816** | Low-Power µP Reset Circuits in 3-Pin SC70/SOT23 | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3 | - | - | 1.5 | Active Low, Open Drain | 85ms to 300ms | No | - | 10µ |
| **MXD1818** | Low-Power µP Reset Circuits in 3-Pin SC70/SOT23 | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3 | - | - | 1.5 | Active Low, Open Drain | 85ms to 300ms | No | Manual Reset | 10µ |
| **MAX6832** | Ultra-Low-Voltage SC70 Voltage Detectors and µP Reset Circuits | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8 | - | - | 1.5 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | - | 13µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6834** | Ultra-Low-Voltage SC70 Voltage Detectors and µP Reset Circuits | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8 | - | - | 1.5 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | - | 13µ |
| **MAX6835** | Ultra-Low-Voltage SC70 Voltage Detectors and µP Reset Circuits | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8 | - | - | 2.5 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 13µ |
| **MAX6837** | Ultra-Low-Voltage SC70 Voltage Detectors and µP Reset Circuits | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8 | - | - | 1.5 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 13µ |
| **MAX6838** | Ultra-Low-Voltage SC70 Voltage Detectors and µP Reset Circuits | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Adjustable Reset Input | 13µ |
| **MAX6840** | Ultra-Low-Voltage SC70 Voltage Detectors and µP Reset Circuits | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Adjustable Reset Input | 13µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX803** | 3-Pin Microprocessor Reset Circuits | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | 85ms to 300ms | No | - | 60µ |
| **MAX809** | 3-Pin Microprocessor Reset Circuits | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | 85ms to 300ms | No | - | 60µ |
| **MAX810** | 3-Pin Microprocessor Reset Circuits | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Push-Pull | 85ms to 300ms | No | - | 60µ |
| **MAX6400** | µP Supervisory Circuits in 4-Bump (2 x 2) Chip-Scale Package | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3 | - | - | - | Active Low, Push-Pull | 85ms to 300ms | No | Manual Reset | 1µ |
| **MAX6401** | µP Supervisory Circuits in 4-Bump (2 x 2) Chip-Scale Package | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3 | - | - | - | Active High, Push-Pull | 85ms to 300ms | No | Manual Reset | 1µ |
| **MAX6402** | µP Supervisory Circuits in 4-Bump (2 x 2) Chip-Scale Package | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3 | - | - | - | Active Low, Open Drain | 85ms to 300ms | No | Manual Reset | 1µ |
| **MAX6323** | µP Supervisory Circuits with Windowed (Min/Max) Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Manual Reset | 45µ |
| **MAX6324** | µP Supervisory Circuits with Windowed (Min/Max) Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | 85ms to 300ms | Yes | Manual Reset | 45µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6701** | Low-Voltage, SOT23, µP Supervisors with Power-Fail In/Out, Manual Reset, and Watchdog Timer | PRODUCTION | 3 | Adj | Adj | Adj | - | Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset | 25µ |
| **MAX6703** | Low-Voltage, SOT23, µP Supervisors with Power-Fail In/Out, Manual Reset, and Watchdog Timer | PRODUCTION | 3 | Adj | Adj | Adj | - | Active Low, Open Drain | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset | 25µ |
| **MAX6703A** | Low-Voltage, SOT23, µP Supervisors with Power-Fail In/Out, Manual Reset, and Watchdog Timer | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 12µ |
| **MAX6704** | Low-Voltage, SOT23, µP Supervisors with Power-Fail In/Out, Manual Reset, and Watchdog Timer | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 12µ |
| **MAX6705** | Low-Voltage, SOT23, µP Supervisors with Power-Fail In/Out, Manual Reset, and Watchdog Timer | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 12µ |
| **MAX6707** | Low-Voltage, SOT23, µP Supervisors with Power-Fail In/Out, Manual Reset, and Watchdog Timer | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 12µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6707A** | Low-Voltage, SOT23, µP Supervisors with Power-Fail In/Out, Manual Reset, and Watchdog Timer | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 12µ |
| **MAX6708** | Low-Voltage, SOT23, µP Supervisors with Power-Fail In/Out, Manual Reset, and Watchdog Timer | PRODUCTION | 1 | 0 to 1.2, 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 12µ |
| **MAX6800** | 3-Pin, Low-Power µP Reset Circuits | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | - | Active High, Push-Pull | 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | - | 12µ |
| **MAX6801** | 3-Pin, Low-Power µP Reset Circuits | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | - | Active Low, Push-Pull | 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | - | 12µ |
| **MAX6802** | 3-Pin, Low-Power µP Reset Circuits | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | - | Active Low, Open Drain | 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | - | 12µ |
| **MAX6804** | 4-Pin, Low-Power µP Reset Circuits with Manual Reset | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | - | Active Low, Push-Pull | 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 12µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6805** | 4-Pin, Low-Power µP Reset Circuits with Manual Reset | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | - | Active Low, Open Drain | 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 12µ |
| **MAX6821** | Low-Voltage SOT23 µP Supervisors with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active High, Push-Pull | 85ms to 300ms | Yes | Manual Reset | 16µ |
| **MAX6822** | Low-Voltage SOT23 µP Supervisors with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | 85ms to 300ms | Yes | Manual Reset | 16µ |
| **MAX6823** | Low-Voltage SOT23 µP Supervisors with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Manual Reset | 16µ |
| **MAX6824** | Low-Voltage SOT23 µP Supervisors with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | Yes | - | 16µ |
| **MAX6825** | Low-Voltage SOT23 µP Supervisors with Manual Reset and Watchdog Timer | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Manual Reset | 12µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6826** | Dual, Ultra-Low-Voltage SOT23 µP Supervisors with Manual Reset and Watchdog Timer | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Push-Pull | 1s to 2s | Yes | Adjustable Reset Input, Manual Reset | 16µ |
| **MAX6828** | Dual, Ultra-Low-Voltage SOT23 µP Supervisors with Manual Reset and Watchdog Timer | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Open Drain | 1s to 2s | Yes | Adjustable Reset Input, Manual Reset | 16µ |
| **MAX6829** | Dual, Ultra-Low-Voltage SOT23 µP Supervisors with Manual Reset and Watchdog Timer | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Push-Pull | 1s to 2s | Yes | Manual Reset | 16µ |
| **MAX6831** | Dual, Ultra-Low-Voltage SOT23 µP Supervisors with Manual Reset and Watchdog Timer | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Open Drain | 1s to 2s | Yes | Manual Reset | 16µ |
| **MAX6381** | SC70/µDFN, Single/Dual Low-Voltage, Low-Power µP Reset Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | - | 7µ |
| **MAX6382** | SC70/µDFN, Single/Dual Low-Voltage, Low-Power µP Reset Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | - | 7µ |
| **MAX6383** | SC70/µDFN, Single/Dual Low-Voltage, Low-Power µP Reset Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | - | 7µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6384** | SC70/µDFN, Single/Dual Low-Voltage, Low-Power µP Reset Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | Manual Reset | 7µ |
| **MAX6385** | SC70/µDFN, Single/Dual Low-Voltage, Low-Power µP Reset Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | Manual Reset | 7µ |
| **MAX6386** | SC70/µDFN, Single/Dual Low-Voltage, Low-Power µP Reset Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms | No | Manual Reset | 7µ |
| **MAX6387** | SC70/µDFN, Single/Dual Low-Voltage, Low-Power µP Reset Circuits | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Push-Pull | - | No | Adjustable Reset Input, Manual Reset | 50µ |
| **MAX6389** | SC70/µDFN, Single/Dual Low-Voltage, Low-Power µP Reset Circuits | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Open Drain | - | Yes | Adjustable Reset Input | 50µ |
| **MAX6390** | SC70/µDFN, Single/Dual Low-Voltage, Low-Power µP Reset Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | - | - | No | Manual Reset | 7µ |
| **MAX792** | Microprocessor and Nonvolatile Memory Supervisory Circuits | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | Yes | Manual Reset, Power Fail Comparator/Low Battery Detect | 150µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX820** | Microprocessor and Nonvolatile Memory Supervisory Circuits | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | Yes | Manual Reset, Power Fail Comparator/Low Battery Detect | 150µ |
| **DS1705** | 3.3V and 5.0V MicroMonitor | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 60µ |
| **DS1706** | 3.3V and 5.0V MicroMonitor | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 60µ |
| **DS1706L** | 3.3V and 5.0V MicroMonitor | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 60µ |
| **DS1706P** | 3.3V and 5.0V MicroMonitor | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active High, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 50µ |
| **DS1706R** | 3.3V and 5.0V MicroMonitor | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 50µ |
| **DS1706S** | 3.3V and 5.0V MicroMonitor | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 50µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DS1706T** | 3.3V and 5.0V MicroMonitor | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 50µ |
| **DS1707** | 3.3 and 5.0 Volt MicroMonitor | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 60µ |
| **DS1708** | 3.3 and 5.0 Volt MicroMonitor | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 60µ |
| **DS1708R** | 3.3 and 5.0 Volt MicroMonitor | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 50µ |
| **DS1708S** | 3.3 and 5.0 Volt MicroMonitor | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 50µ |
| **DS1708T** | 3.3 and 5.0 Volt MicroMonitor | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 50µ |
| **DS1834** | Dual EconoReset with Pushbutton | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Open Drain | - | No | Manual Reset, Power Fail Comparator/Low Battery Detect | 50µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DS1834A** | Dual EconoReset with Pushbutton | PRODUCTION | 2 | Adj | Adj | - | 2.5 | Active Low, Open Drain | - | No | Manual Reset, Power Fail Comparator/Low Battery Detect | 50µ |
| **DS1834D** | Dual EconoReset with Pushbutton | PRODUCTION | 2 | Adj | Adj | - | 2.5 | - | - | No | Manual Reset, Power Fail Comparator/Low Battery Detect | 50µ |
| **MAX6339** | Quad Voltage µP Supervisory Circuit in SOT Package | PRODUCTION | 4 | Adj | Adj | Adj | - | Active Low, Open Drain | 85ms to 300ms | No | Adjustable Reset Input | 40µ |
| **MAX6338** | Quad Voltage Monitor with Four Outputs in µMax Package | PRODUCTION | 4 | Adj | Adj | Adj | 2.5 | Active Low, Open Drain | <1ms | No | Adjustable Reset Input | 40µ |
| **MAX6369** | Pin-Selectable Watchdog Timers | PRODUCTION | 1 | - | - | - | - | - | - | Yes | Watchdog Timer | 8µ |
| **MAX6370** | Pin-Selectable Watchdog Timers | PRODUCTION | 1 | - | - | - | - | - | - | Yes | Watchdog Timer | 8µ |
| **MAX6371** | Pin-Selectable Watchdog Timers | PRODUCTION | 1 | - | - | - | - | - | - | Yes | Watchdog Timer | 8µ |
| **MAX6372** | Pin-Selectable Watchdog Timers | PRODUCTION | 1 | - | - | - | - | - | - | Yes | Watchdog Timer | 8µ |
| **MAX6373** | Pin-Selectable Watchdog Timers | PRODUCTION | 1 | - | - | - | - | - | - | Yes | Watchdog Timer | 8µ |
| **MAX6374** | Pin-Selectable Watchdog Timers | PRODUCTION | 1 | - | - | - | - | - | - | Yes | Watchdog Timer | 8µ |
| **MAX6375** | 3-Pin, Ultra-Low-Power SC70/SOT23 Voltage Detectors | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3 | - | - | 2.5 | Active High, Active Low, Open Drain, Push-Pull | <1ms | No | - | 500n |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6376** | 3-Pin, Ultra-Low-Power SC70/SOT23 Voltage Detectors | RECOMMENDED FOR NEW DESIGNS | 1 | 1.8 to 2.5, 2.5 to 3.3 | - | - | 2.5 | Active High, Active Low, Open Drain, Push-Pull | <1ms | No | - | 500n |
| **MAX6377** | 3-Pin, Ultra-Low-Power SC70/SOT23 Voltage Detectors | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3 | - | - | 2.5 | Active Low, Open Drain | <1ms | No | - | 500n |
| **MAX6378** | 3-Pin, Ultra-Low-Power SC70/SOT23 Voltage Detectors | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | <1ms | No | - | 500n |
| **MAX6379** | 3-Pin, Ultra-Low-Power SC70/SOT23 Voltage Detectors | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Open Drain, Push-Pull | <1ms | No | - | 500n |
| **MAX6380** | 3-Pin, Ultra-Low-Power SC70/SOT23 Voltage Detectors | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | <1ms | No | - | 500n |
| **LTC1985-1.8** | Micropower Precision Triple Supply Monitor with Push-Pull Reset Output in a 5-Lead SOT-23 Package | PRODUCTION | 3 | 3V | 1.8V | Adj | 1.5 | - | 200ms | No | Supervisor | 15µ |
| **LTC1726-2.5** | Triple Supply Monitor and µP Supervisor with Adjustable Reset and Watchdog Timer | PRODUCTION | 3 | 3.3V | 2.5V | Adj | 1.5 | - | Adj | Yes | Supervisor, Watchdog Timer | 20µ |
| **LTC1726-5** | Triple Supply Monitor and µP Supervisor with Adjustable Reset and Watchdog Timer | PRODUCTION | 3 | 5V | 3.3V | Adj | 1.5 | - | Adj | Yes | Supervisor, Watchdog Timer | 20µ |
| **MAX6711** | 4-Pin SC70 Microprocessor Reset Circuits with Manual Reset Input | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | 85ms to 300ms | No | Manual Reset | 35µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6713** | 4-Pin SC70 Microprocessor Reset Circuits with Manual Reset Input | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | 85ms to 300ms | No | Manual Reset | 35µ |
| **MAX811** | 4-Pin µP Voltage Monitors with Manual Reset Input | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | 85ms to 300ms | No | Manual Reset | 15µ |
| **MAX812** | 4-Pin µP Voltage Monitors with Manual Reset Input | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Push-Pull | 85ms to 300ms | No | Manual Reset | 15µ |
| **DS1832** | 3.3 Volt MicroMonitor Chip | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Manual Reset | 35µ |
| **DS1810** | 5V EconoReset with Push-Pull Output | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | No | - | 40µ |
| **DS1811** | 5V EconoReset with Open Drain Output | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | 85ms to 300ms | No | - | 40µ |
| **DS1812** | 5V EconoReset with Active High Push-Pull Output | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Push-Pull | 85ms to 300ms | No | - | 40µ |
| **DS1813** | 5V EconoReset with Pushbutton | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | 85ms to 300ms | No | Manual Reset | 40µ |
| **DS1814A** | 5 Volt and 3.3 Volt MicroMonitor | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Manual Reset | 15µ |
| **DS1814B** | 5 Volt and 3.3 Volt MicroMonitor | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | Yes | - | 15µ |
| **DS1814C** | 5 Volt and 3.3 Volt MicroMonitor | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Manual Reset | 15µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **DS1816** | 3.3V EconoReset with Open Drain Output | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active Low, Open Drain | 85ms to 300ms | No | - | 35µ |
| **DS1817** | Active High 3.3V EconoReset | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active High, Push-Pull | 85ms to 300ms | No | - | 35µ |
| **DS1818** | 3.3V EconoReset with Pushbutton | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active Low, Open Drain | 85ms to 300ms | No | Manual Reset | 35µ |
| **DS1819A** | 5 Volt and 3.3 Volt MicroMonitor | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Manual Reset | 12µ |
| **DS1819B** | 5 Volt and 3.3 Volt MicroMonitor | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | Yes | - | 12µ |
| **DS1819C** | 5 Volt and 3.3 Volt MicroMonitor | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Manual Reset | 12µ |
| **DS1232** | MicroMonitor Chip | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Open Drain, Push-Pull | 85ms to 300ms | Yes | Manual Reset | 2m |
| **DS1232LP** | Low-Power MicroMonitor Chip | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Open Drain, Push-Pull | 85ms to 300ms | Yes | Manual Reset | 50µ |
| **DS1233D** | 5V EconoReset | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain, With Internal Pull-Up | 85ms to 300ms | No | - | 50µ |
| **LTC1727-2.5** | Micropower Precision Triple Supply Monitors in 8-Lead MSOP and 5-Lead SOT-23 Packages | PRODUCTION | 3 | 3.3V | 2.5V | Adj | 1.5 | - | 200ms | No | Supervisor | 15µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC1727-5** | Micropower Precision Triple Supply Monitors in 8-Lead MSOP and 5-Lead SOT-23 Packages | PRODUCTION | 3 | 5V | 3.3V | Adj | 1.5 | - | 200ms | No | Supervisor | 15µ |
| **LTC1728-1.8** | Micropower Precision Triple Supply Monitors in 8-Lead MSOP and 5-Lead SOT-23 Packages | PRODUCTION | 3 | 3V | 1.8V | Adj | 1.5 | - | 200ms | No | Supervisor | 15µ |
| **LTC1728-2.5** | Micropower Precision Triple Supply Monitors in 8-Lead MSOP and 5-Lead SOT-23 Packages | PRODUCTION | 3 | 3.3V | 2.5V | Adj | 1.5 | - | 200ms | No | Supervisor | 15µ |
| **LTC1728-3.3** | Micropower Precision Triple Supply Monitors in 8-Lead MSOP and 5-Lead SOT-23 Packages | PRODUCTION | 3 | 3.3V | 1.8V | Adj | 1.5 | - | 200ms | No | Supervisor | 15µ |
| **LTC1728-5** | Micropower Precision Triple Supply Monitors in 8-Lead MSOP and 5-Lead SOT-23 Packages | PRODUCTION | 3 | 5V | 3.3V | Adj | 1.5 | - | 200ms | No | Supervisor | 15µ |
| **MAX6342** | 6-Pin µP Reset Circuit with Power-Fail Comparator | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 40µ |
| **MAX6343** | 6-Pin µP Reset Circuit with Power-Fail Comparator | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 40µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6344** | 6-Pin µP Reset Circuit with Power-Fail Comparator | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 40µ |
| **MAX6351** | Dual/Triple-Voltage µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Push-Pull | - | No | Manual Reset | 16µ |
| **MAX6352** | Dual/Triple-Voltage µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Open Drain | - | No | Manual Reset | 16µ |
| **MAX6353** | Dual/Triple-Voltage µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Push-Pull | - | No | Manual Reset | 16µ |
| **MAX6354** | Dual/Triple-Voltage µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Push-Pull | - | No | Manual Reset | 16µ |
| **MAX6355** | Dual/Triple-Voltage µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 1.5 | Active Low, Open Drain | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset | 50µ |
| **MAX6356** | Dual/Triple-Voltage µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 1.5 | Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset | 50µ |
| **MAX6357** | Dual/Triple-Voltage µP Supervisory Circuits | PRODUCTION | 3 | Adj | Adj | Adj | 1.5 | Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset | 50µ |
| **MAX6358** | Dual/Triple-Voltage µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Open Drain | >2s, 1s to 2s | No | Manual Reset | 50µ |
| **MAX6359** | Dual/Triple-Voltage µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Push-Pull | >2s, 1s to 2s | No | Manual Reset | 50µ |
| **MAX6360** | Dual/Triple-Voltage µP Supervisory Circuits | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Push-Pull | >2s, 1s to 2s | No | Manual Reset | 50µ |
| **MAX1232** | Microprocessor Monitor | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Open Drain | 85ms to 300ms | Yes | Manual Reset | 200µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX706AP** | +3V Voltage Monitoring, Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 4.4V | - | - | 2.2 | - | 200ms | - | - | 150µ |
| **MAX706AR** | +3V Voltage Monitoring, Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 4.4V | - | - | 2.2 | - | 200ms | - | - | 150µ |
| **MAX706AS** | +3V Voltage Monitoring, Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 4.4V | - | - | 2.2 | - | 200ms | - | - | 150µ |
| **MAX706AT** | +3V Voltage Monitoring, Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 4.4V | - | - | 2.2 | - | 200ms | - | - | 150µ |
| **MAX706P** | +3V Voltage Monitoring, Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active High, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 200µ |
| **MAX706R** | +3V Voltage Monitoring, Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 200µ |
| **MAX706S** | +3V Voltage Monitoring, Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 200µ |
| **MAX706T** | +3V Voltage Monitoring, Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 200µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX708R** | +3V Voltage Monitoring, Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 200µ |
| **MAX708S** | +3V Voltage Monitoring, Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 200µ |
| **MAX708T** | +3V Voltage Monitoring, Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 2.5 to 3.3 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 200µ |
| **MAX705** | Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 350µ |
| **MAX706** | Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 350µ |
| **MAX707** | Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 350µ |
| **MAX708** | Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 350µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX709** | Power-Supply Monitor with Reset | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | No | - | 150µ |
| **MAX813** | Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 4.65V | - | - | 2.2 | - | 200ms | No | Manual Reset | 150µ |
| **MAX813L** | Low-Cost, µP Supervisory Circuits | PRODUCTION | 1 | 4.65V | - | - | 2.2 | - | 200ms | No | Manual Reset | 150µ |
| **MAX8211** | Microprocessor Voltage Monitors with Programmable Voltage Detection | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 3 | Active Low, Open Drain | <1ms | No | - | 15µ |
| **MAX8212** | Microprocessor Voltage Monitors with Programmable Voltage Detection | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 3 | Active Low, Open Drain | <1ms | No | - | 15µ |
| **MAX6333** | 3-Pin, Ultra-Low-Voltage, Low-Power µP Reset Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5 | - | - | 1.8 | Active Low, Push-Pull | 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | - | 7µ |
| **MAX6334** | 3-Pin, Ultra-Low-Voltage, Low-Power µP Reset Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5 | - | - | 1.8 | Active Low, Open Drain | 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | - | 7µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6335** | 4-Pin, Ultra Low-Voltage, Low-Power µP Reset Circuits with Manual Reset | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5 | - | - | 1.8 | Active High, Push-Pull | 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 7µ |
| **MAX6336** | 4-Pin, Ultra Low-Voltage, Low-Power µP Reset Circuits with Manual Reset | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5 | - | - | 1.8 | Active Low, Push-Pull | 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 7µ |
| **MAX6337** | 4-Pin, Ultra Low-Voltage, Low-Power µP Reset Circuits with Manual Reset | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5 | - | - | 1.8 | Active Low, Open Drain | 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 7µ |
| **MAX6806** | Voltage Detectors | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2 | Active Low, Push-Pull | <1ms | No | Manual Reset | 80µ |
| **MAX6808** | Voltage Detectors | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 2 | Active Low, Open Drain | <1ms | No | Manual Reset | 80µ |
| **LTC1536** | Precision Triple Supply Monitor for PCI Applications | PRODUCTION | 3 | 5V | 3.3V | Adj | 0.75 | - | 200ms | No | Supervisor | 40µ |
| **DS1231** | Power Monitor | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain | 85ms to 300ms | No | Power Fail Comparator/Low Battery Detect | 2m |
| **DS1233M** | EconoReset | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active Low, Open Drain, With Internal Pull-Up | 300ms to 1s, 85ms to 300ms | No | - | 50µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6316** | 5-Pin µP Supervisory Circuits with Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 5 | - | - | 1.5 | Active Low, Push-Pull | - | Yes | Manual Reset, Watchdog | 5µ |
| **MAX6317** | 5-Pin µP Supervisory Circuits with Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 5 | - | - | 1.5 | Active-High, Push-Pull | - | Yes | Manual Reset, Watchdog | 5µ |
| **MAX6317H** | 5-Pin µP Supervisory Circuits with Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | Yes | Manual Reset | 12µ |
| **MAX6318** | 5-Pin µP Supervisory Circuits with Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 5 | - | - | 1.5 | Active High, Push-Pull | - | Yes | Manual Reset, Watchdog | 5µ |
| **MAX6318MH** | 5-Pin µP Supervisory Circuits with Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Active Low, Bidirectional, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | Yes | - | 12µ |
| **MAX6319** | 5-Pin µP Supervisory Circuits with Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 5 | - | - | 1.5 | Active High, Push-Pull | - | No | Manual Reset, Watchdog | 3µ |
| **MAX6319LH** | 5-Pin µP Supervisory Circuits with Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Active Low, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 12µ |
| **MAX6320** | 5-Pin µP Supervisory Circuits with Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 5 | - | - | 1.5 | Active Low, Open Drain | - | Yes | Manual Reset, Watchdog | 5µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6321** | 5-Pin µP Supervisory Circuits with Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 5 | - | - | 1.5 | Active High, Push-Pull | - | Yes | Manual Reset, Watchdog | 5µ |
| **MAX6321HP** | 5-Pin µP Supervisory Circuits with Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Active Low, Open Drain, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | Yes | - | 12µ |
| **MAX6322** | 5-Pin µP Supervisory Circuits with Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 5 | - | - | 1.5 | Active High, Push-Pull | - | No | Manual Reset, Watchdog | 3µ |
| **MAX6322HP** | 5-Pin µP Supervisory Circuits with Watchdog and Manual Reset | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Active Low, Open Drain, Push-Pull | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 12µ |
| **MAX6326** | 3-Pin, Ultra-Low-Power SC70/SOT µP Reset Circuits | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3 | - | - | 1.5 | Active Low, Push-Pull | 85ms to 300ms | No | - | 1µ |
| **MAX6327** | 3-Pin, Ultra-Low-Power SC70/SOT µP Reset Circuits | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3 | - | - | 1.5 | Active High, Push-Pull | 85ms to 300ms | No | - | 1µ |
| **MAX6328** | 3-Pin, Ultra-Low-Power SC70/SOT µP Reset Circuits | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3 | - | - | 1.5 | Active Low, Open Drain | 85ms to 300ms | No | - | 1µ |
| **MAX6346** | 3-Pin, Ultra-Low-Power SC70/SOT µP Reset Circuits | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | 85ms to 300ms | No | - | 1.75µ |
| **MAX6347** | 3-Pin, Ultra-Low-Power SC70/SOT µP Reset Circuits | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 1.5 | Active High, Push-Pull | 85ms to 300ms | No | - | 1.75µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6348** | 3-Pin, Ultra-Low-Power SC70/SOT µP Reset Circuits | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | 85ms to 300ms | No | - | 1.75µ |
| **LTC1326** | Micropower Precision Triple Supply Monitor | PRODUCTION | 3 | 5V | 3.3V | Adj | 0.75 | - | 200ms | No | Supervisor | 40µ |
| **LTC1326-2.5** | Micropower Precision Triple Supply Monitor | PRODUCTION | 3 | 2.5V | 3.3V | Adj | 0.75 | - | 200ms | No | Supervisor | 40µ |
| **MAX6305** | 5-Pin, Multiple-Input, Programmable Reset ICs | PRODUCTION | 2 | Adj | Adj | - | 1 | Active Low, Open Drain | - | No | Adjustable Reset Input | 30µ |
| **MAX6306** | 5-Pin, Multiple-Input, Programmable Reset ICs | PRODUCTION | 2 | Adj | Adj | - | 0.3 | Active Low, Open Drain | - | No | Adjustable Reset Input, Manual Reset | - |
| **MAX6307** | 5-Pin, Multiple-Input, Programmable Reset ICs | PRODUCTION | 2 | Adj | Adj | - | 1 | Active Low, Open Drain | - | Yes | Adjustable Reset Input, Overvoltage/Window Monitor | - |
| **MAX6308** | 5-Pin, Multiple-Input, Programmable Reset ICs | PRODUCTION | 2 | Adj | Adj | - | - | Active Low, Push-Pull | - | No | Adjustable Reset Input | - |
| **MAX6309** | 5-Pin, Multiple-Input, Programmable Reset ICs | PRODUCTION | 2 | Adj | Adj | - | 1.5 | Active Low, Push-Pull | - | No | Adjustable Reset Input, Manual Reset | 16µ |
| **MAX834** | Micropower, Latching Voltage Monitors in SOT23-5 | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active Low, Open Drain | <1ms | No | Adjustable Reset Input, Latched Output | 13µ |
| **MAX835** | Micropower, Latching Voltage Monitors in SOT23-5 | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active Low, Push-Pull | <1ms | No | Adjustable Reset Input, Latched Output | 13µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX836** | 4-Pin Micropower Voltage Monitors | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Open Drain | <1ms | No | Adjustable Reset Input | 15µ |
| **MAX837** | 4-Pin Micropower Voltage Monitors | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | <1ms | No | Adjustable Reset Input | 15µ |
| **MAX821** | 4-Pin, µP Voltage Monitors with Pin-Selectable Power-On Reset Timeout Delay | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | <1ms, 15ms to 85ms, 85ms to 300ms, Adjustable | No | - | 7µ |
| **MAX822** | 4-Pin, µP Voltage Monitors with Pin-Selectable Power-On Reset Timeout Delay | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Push-Pull | <1ms, 15ms to 85ms, 85ms to 300ms, Adjustable | No | - | 2.5µ |
| **MAX6315** | Open-Drain SOT µP Reset Circuit | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.8 | Active Low, Open Drain | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 12µ |
| **MAX6314** | 68HC11/Bidirectional-Compatible µP Reset Circuit | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.8 | Active Low, Bidirectional | >1s, 15ms to 85ms, 1ms to 15ms, 85ms to 300ms | No | Manual Reset | 12µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX6301** | +5V, Low-Power, µP Supervisory Circuits with Adjustable Reset/Watchdog | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2 | Active Low, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | - | 7µ |
| **MAX6302** | +5V, Low-Power, µP Supervisory Circuits with Adjustable Reset/Watchdog | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2 | Active High, Open Drain | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | - | 7µ |
| **MAX6303** | +5V, Low-Power, µP Supervisory Circuits with Adjustable Reset/Watchdog | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2 | Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | - | 7µ |
| **MAX6304** | +5V, Low-Power, µP Supervisory Circuits with Adjustable Reset/Watchdog | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2 | Active High, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | - | 7µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX823** | 5-Pin Microprocessor Supervisory Circuits with Watchdog Timer and Manual Reset | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active Low, Push-Pull | 85ms to 300ms | Yes | Manual Reset | 6µ |
| **MAX824** | 5-Pin Microprocessor Supervisory Circuits with Watchdog Timer and Manual Reset | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | Yes | - | 6µ |
| **MAX825** | 5-Pin Microprocessor Supervisory Circuits with Watchdog Timer and Manual Reset | PRODUCTION | 1 | 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Manual Reset | 3µ |
| **MAX814** | ±1% Accuracy, Low-Power, +3V and +5V µP Supervisory Circuits | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 75µ |
| **MAX815** | ±1% Accuracy, Low-Power, +3V and +5V µP Supervisory Circuits | PRODUCTION | 1 | 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active Low, Push-Pull | 85ms to 300ms | Yes | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 75µ |
| **MAX816** | ±1% Accuracy, Low-Power, +3V and +5V µP Supervisory Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 1 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Adjustable Reset Input, Manual Reset, Power Fail Comparator/Low Battery Detect | 75µ |
| **ICL7665** | µP Voltage Monitor with Dual Over/Undervoltage Detection | PRODUCTION | 2 | Adj | Adj | - | 2 | Active High, Active Low, Open Drain | - | No | Adjustable Reset Input, Overvoltage/Window Monitor | 15µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX8213** | Five Universal Voltage Monitors, Complete µP Voltage Monitoring | PRODUCTION | 5 | Adj | Adj | Adj | 1 | Active Low, Open Drain | <1ms | No | Adjustable Reset Input, Overvoltage/Window Monitor | 35µ |
| **MAX8214** | Five Universal Voltage Monitors, Complete µP Voltage Monitoring | PRODUCTION | 5 | Adj | Adj | Adj | 1 | Active Low, Push-Pull | <1ms | No | Adjustable Reset Input, Overvoltage/Window Monitor | 35µ |
| **MAX8215** | ±5V, ±12V (±15V) Dedicated Microprocessor Voltage Monitors | PRODUCTION | 5 | Adj | Adj | Adj | 1.5 | Active High, Active Low, Open Drain | 85ms to 300ms | No | Overvoltage/Window Monitor | 250µ |
| **MAX8216** | ±5V, ±12V (±15V) Dedicated Microprocessor Voltage Monitors | PRODUCTION | 5 | Adj | Adj | Adj | 1.5 | Active High, Active Low, Open Drain | 85ms to 300ms | No | Overvoltage/Window Monitor | 250µ |
| **MAX7705** | µP Power Supply Monitor with Reset | PRODUCTION | 1 | 4.65V | - | - | 2.1 | - | - | No | - | 65µ |
| **LTC692** | Microprocessor Supervisory Circuits | PRODUCTION | 1 | 5V | - | - | 2 | - | 200ms | Yes | Supervisor, Watchdog Timer | 600µ |
| **LTC693** | Microprocessor Supervisory Circuits | PRODUCTION | 1 | 5V | - | - | 2 | - | 200ms | Yes | Supervisor, Watchdog Timer | 600µ |
| **LTC1232** | Microprocessor Supervisory Circuit | PRODUCTION | 1 | 5V | - | - | 2.5 | - | 600ms | Yes | Supervisor, Watchdog Timer | 500µ |
| **LTC1235** | Microprocessor Supervisory Circuit | PRODUCTION | 1 | 4.65 | - | - | - | - | - | Yes | Power Fail Comparator/Low Battery Detect, Pushbutton, Watchdog Timer | - |
| **LTC699** | Microprocessor Supervisory Circuit | PRODUCTION | 1 | 5V | - | - | 2 | - | 200ms | Yes | Supervisor, Watchdog Timer | 600µ |
| **LTC694** | Microprocessor Supervisory Circuits | PRODUCTION | 1 | 5V | - | - | 2 | - | 200ms | Yes | Supervisor, Watchdog Timer | 600µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **LTC694-3.3** | 3.3V Microprocessor Supervisory Circuits | PRODUCTION | 1 | 2.90V | - | - | 3 | - | 200ms | Yes | Supervisor, Watchdog Timer | 600µ |
| **LTC695** | Microprocessor Supervisory Circuits | PRODUCTION | 1 | 5V | - | - | 2 | - | 200ms | Yes | Supervisor, Watchdog Timer | 600µ |
| **LTC695-3.3** | 3.3V Microprocessor Supervisory Circuits | PRODUCTION | 1 | 2.90V | - | - | 3 | - | 200ms | Yes | Supervisor, Watchdog Timer | 600µ |
| **LTC690** | Microprocessor Supervisory Circuits | PRODUCTION | 1 | 5V | - | - | 2 | - | 50ms | Yes | Supervisor, Watchdog Timer | 600µ |
| **LTC691** | Microprocessor Supervisory Circuits | PRODUCTION | 1 | 5V | - | - | 2 | - | 50ms | Yes | Supervisor, Watchdog Timer | 600µ |
| **MAX697** | Microprocessor Supervisory Circuits | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Push-Pull | <1ms, >1s, 15ms to 85ms, 1ms to 15ms, 300ms to 1s, 85ms to 300ms, Adjustable | Yes | Adjustable Reset Input, Power Fail Comparator/Low Battery Detect | 300µ |
| **MAX700** | Power-Supply Monitor with Reset | PRODUCTION | 1 | 1.2 to 1.8, 1.8 to 2.5, 2.5 to 3.3, 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Manual Reset | 200µ |
| **MAX701** | Power-Supply Monitor with Reset | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Push-Pull | 85ms to 300ms | No | Manual Reset | 200µ |
| **MAX702** | Power-Supply Monitor with Reset | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active Low, Push-Pull | 85ms to 300ms | No | Manual Reset | 200µ |

| | Description | Product Lifecycle | Number of Supplies typ | Reset Voltage | Second Reset Voltage | Third Reset Voltage | Threshold Accuracy typ | Reset Output | Reset Pulse Width | Watchdog Timer | Power Management Features | Isupply typ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX698** | Low-Cost, Power-On Reset and Watchdog Controllers | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Open Drain, Push-Pull | 85ms to 300ms | No | - | 5m |
| **MAX699** | Low-Cost, Power-On Reset and Watchdog Controllers | PRODUCTION | 1 | 3.3 to 5.5 | - | - | 2.5 | Active High, Active Low, Open Drain, Push-Pull | 85ms to 300ms | Yes | - | 5m |

# Surge Stopper, Overvoltage, and Overcurrent Protection

| Parts | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total Quiescent Current typ | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX17527A** | 5.5V to 60V, 6A Power Limiter with OV, UV, Reverse Polarity, Loss of Ground Protection | RECOMMENDED FOR NEW DESIGNS | 1 | Overvoltage Protection, Power Limiter, Reverse Voltage Protection | 5.5V to 60V | 5.5 | 60 | 1.46m | - | 5.5V to 60V, 6A Power Limiter with OV, UV, Reverse Polarity, Loss of Ground Protection |
| **MAX17615** | 4.25V to 60V, 250mA Current Limiter with OV, UV, and Reverse Protection | RECOMMENDED FOR NEW DESIGNS | 1 | Overcurrent Protection, Overvoltage Protection | 4.25V to 60V | 4.25 | 60 | 940µ | - | 4.25V to 60V, 250mA Current Limiter with OV, UV, Reverse Protection |
| **LTC4249** | 65V Dual Electronic Circuit Breaker with Current Monitors | RECOMMENDED FOR NEW DESIGNS | 2 | Circuit Breaker | 1.5V to 65V | 1.5 | 65 | 1m | - | 65V Dual Electronic Circuit Breaker with Current Monitors |
| **LTC4381** | Low Quiescent Current eFuse with Surge Protection | RECOMMENDED FOR NEW DESIGNS | 1 | Circuit Breaker, Current Limit, Reverse Input Protection, Surge Stopper, UV Lockout | 4V to 72V | 4 | 72 | 6µ | 50mV | Low Quiescent Current eFuse with Surge Protection |
| **LTC4246** | 30mΩ RON 12V Octal Electronic Circuit Breaker with SPI Interface | RECOMMENDED FOR NEW DESIGNS | 8 | Circuit Breaker | 0V to 13.2V | 0 | 13.2 | 2.5m | 50mA to 1.5A | 30m switch resistance |
| **MAX16171** | Ideal Diode Controller with Reverse-Current Protection | PRODUCTION | 1 | Ideal Diode, Reverse Current Protection | 4V to 76V | 4 | 76 | 150µ | - | Ideal Diode Controller With Reverse Current Protection |
| **MAX15162** | 8V to 60V Smart Dual 1.5A Circuit Breaker with Accurate Current Monitoring | RECOMMENDED FOR NEW DESIGNS | 2 | Circuit Breaker | 8V to 60V | 8 | 60 | - | - | 8V to 60V Smart Dual 1.5A Circuit Breaker with Accurate Current Monitoring |
| **MAX20334** | OverVoltage and Surge-Protected Dual SPDT Data Line Switch | RECOMMENDED FOR NEW DESIGNS | 2 | Overvoltage Protection | -0.5V to 20V | -500m | 20 | - | - | Overvoltage and Surge-Protected Dual SPDT Data Line Switch |

| | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total typ Quiescent Current | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX17613A** | 4.5V to 60V, 3A Current-Limiter with OV, UV, and Reverse Protection | PRODUCTION | 1 | Overcurrent Protection, Overvoltage Protection | 4.5V to 60V | 4.5 | 60 | 880µ | - | 4.5V to 60V, 0.15A to 3A Overvoltage and Overcurrent Protection IC with \u000bIntegrated Dual FETs |
| **MAX17613B** | 4.5V to 60V, 3A Current-Limiter with OV, UV, and Reverse Protection | PRODUCTION | 1 | Overcurrent Protection, Overvoltage Protection | 4.5V to 60V | 4.5 | 60 | 880µ | - | 4.5V to 60V, 0.15A to 3A Overvoltage and Overcurrent Protection IC with \u000bIntegrated Dual FETs |
| **MAX17613C** | 4.5V to 60V, 3A Current-Limiter with OV, UV, and Reverse Protection | PRODUCTION | 1 | Overcurrent Protection, Overvoltage Protection | 4.5V to 60V | 4.5 | 60 | 880µ | - | 4.5V to 60V, 0.15A to 3A Overvoltage and Overcurrent Protection IC with \u000bIntegrated Dual FETs |
| **MAX17612A** | 4.5V to 60V, 250mA Current-Limiter with OV, UV, and Reverse Protection | PRODUCTION | 1 | Overcurrent Protection, Overvoltage Protection | 4.5V to 60V | 4.5 | 60 | - | - | 4.5V to 60V, 250mA Overvoltage & Overcurrent Protection IC with Integrated FETs and Reverse Current |
| **MAX17612B** | 4.5V to 60V, 250mA Current-Limiter with OV, UV, and Reverse Protection | PRODUCTION | 1 | Overcurrent Protection, Overvoltage Protection | 4.5V to 60V | 4.5 | 60 | - | - | 4.5V to 60V, 250mA Overvoltage & Overcurrent Protection IC with Integrated FETs and Reverse Current |
| **MAX17612C** | 4.5V to 60V, 250mA Current-Limiter with OV, UV, and Reverse Protection | PRODUCTION | 1 | Overcurrent Protection, Overvoltage Protection | 4.5V to 60V | 4.5 | 60 | - | - | 4.5V to 60V, 250mA Overvoltage & Overcurrent Protection IC with Integrated FETs and Reverse Current |
| **MAX20330A** | Precision HV Capable ID Detector | PRODUCTION | 1 | Overvoltage Protection | 2.7V to 36V | 2.7 | 36 | - | - | Precision HV Capable ID Detector |

| | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total Quiescent Current typ | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX17526A** | 5.5V to 60V, 6A Current-Limiter with OV, UV, Reverse Protection, and Power Limit | PRODUCTION | 1 | Overcurrent Protection | 5.5V to 60V | 4.5 | 60 | - | - | 5.5V to 60V, 6A Current-Limiter with OV, UV, Reverse Protection, and Power Limit |
| **MAX17526B** | 5.5V to 60V, 6A Current-Limiter with OV, UV, Reverse Protection, and Power Limit | PRE-RELEASE | 1 | Overcurrent Protection | 5.5V to 60V | 4.5 | 60 | - | - | 5.5V to 60V, 6A Current-Limiter with OV, UV, Reverse Protection, and Power Limit |
| **MAX17526C** | 5.5V to 60V, 6A Current-Limiter with OV, UV, Reverse Protection, and Power Limit | PRE-RELEASE | 1 | Overcurrent Protection | 5.5V to 60V | 4.5 | 60 | - | - | 5.5V to 60V, 6A Current-Limiter with OV, UV, Reverse Protection, and Power Limit |
| **MAX20331** | High-Voltage Protection 3.5mm Audio Line OVP | PRODUCTION | 2 | Overvoltage Protection | 1.6V to 5.5V | 1.6 | 5.5 | - | - | High-Voltage Protection 3.5mm Audio Line OVP |
| **MAX20328** | MUX Switch for USB Type-C Audio Adapter Accessories | PRODUCTION | 1 | USB Type-C Mux Switch | 2.7V to 5.5V | 2.7 | 5.5 | - | - | MUX Switch for USB Type-C Audio Adapter Accessories |
| **MAX20328A** | MUX Switch for USB Type-C Audio Adapter Accessories | PRODUCTION | 1 | USB Type-C Mux Switch | 2.7V to 5.5V | 2.7 | 5.5 | - | - | MUX Switch for USB Type-C Audio Adapter Accessories |
| **MAX20328B** | MUX Switch for USB Type-C Audio Adapter Accessories | PRODUCTION | 1 | USB Type-C Mux Switch | 2.7V to 5.5V | 2.7 | 5.5 | - | - | MUX Switch for USB Type-C Audio Adapter Accessories |
| **MAX16141** | 3.5V to 36V Ideal Diode Controllers with Voltage and Current Circuit Breaker | PRODUCTION | 1 | Circuit Breaker, Ideal Diode | 3.5V to 36V | 3.5 | 36 | - | - | 3.5V to 36V Ideal Diode Controller With Voltage and Current Circuit Breaker |
| **MAX16141A** | 3.5V to 36V Ideal Diode Controllers with Voltage and Current Circuit Breaker | PRODUCTION | 1 | Circuit Breaker, Ideal Diode | 3.5V to 36V | 3.5 | 36 | - | - | 3.5V to 36V Ideal Diode Controller With Voltage and Current Circuit Breaker |
| **MAX20330** | Programmable OVP Controller with VBUS Short Detection | PRODUCTION | 1 | Overvoltage Protection | 2.7V to 36V | 2.7 | 36 | - | - | Programmable OVP Controller with VBUS Short Detection |

| | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total Quiescent Current typ | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **LTC7862** | 140V High Efficiency Switching Surge Stopper | RECOMMENDED FOR NEW DESIGNS | 1 | Surge Stopper | 4V to 140V | 4 | 140 | 1.2m | 50mV | 140V High Efficiency Switching Surge Stopper |
| **MAX22505** | ±40V High-Speed USB Port Protector | PRODUCTION | 1 | USB Port Protector | ±40.7V | 3 | 5 | - | - | ±40V High-Speed USB Port Protector |
| **MAX14713** | Compact 6A Smart Power Path Selector | PRODUCTION | 2 | PowerPath | -0.3V to 5.5V | -300m | 5.5 | - | - | Compact 6A Smart Power Path Selector |
| **MAX14714** | Compact 6A Smart Power Path Selector | PRODUCTION | 2 | PowerPath | -0.3V to 5.5V | -300m | 5.5 | - | - | Compact 6A Smart Power Path Selector |
| **MAX17608** | 4.5V to 60V, 1A Current Limiter with OV, UV, and Reverse Protection | PRODUCTION | 1 | Overcurrent Protection, Overvoltage Protection | 4.5V to 60V | 4.5 | 60 | - | - | 4.5V to 60V, 1A Overvoltage, Overcurrent Protector with Reverse protection |
| **MAX17609** | 4.5V to 60V, 1A Current Limiter with OV, UV, and Reverse Protection | PRODUCTION | 1 | Overcurrent Protection, Overvoltage Protection | 4.5V to 60V | 4.5 | 60 | - | - | 4.5V to 60V, 1A Overvoltage, Overcurrent Protector with Reverse Polarity |
| **MAX17610** | 4.5V to 60V, 1A Current Limiter with OV, UV, and Reverse Protection | PRODUCTION | 1 | Overcurrent Protection | 4.5V to 60V | 4.5 | 60 | - | - | 4.5V to 60V, 1A Forward and Reverse Overcurrent Protector |
| **MAX14727** | Dual-Input, Bidirectional Overvoltage Protector with Automatic Path Control | PRODUCTION | 2 | Overvoltage Protection | -0.3V to 29V | -300m | 29 | - | - | Dual-Input, Bi-Directional OVP with Automatic Path Control |
| **MAX14728** | Dual-Input, Bidirectional Overvoltage Protector with Automatic Path Control | PRODUCTION | 2 | Overvoltage Protection | -0.3V to 29V | -300m | 29 | - | - | Dual-Input, Bi-Directional OVP with Automatic Path Control |
| **MAX14731** | Dual-Input, Bidirectional Overvoltage Protector with Automatic Path Control | PRODUCTION | 2 | Overvoltage Protection | -0.3V to 29V | -300m | 29 | - | - | Dual-Input, Bi-Directional OVP with Automatic Path Control |
| **MAX14699** | High-Accuracy, Surge-Protected Overvoltage Protectors | PRODUCTION | 1 | Overvoltage Protection | 2.5V to 28V | 2.5 | 28 | - | - | High-Accuracy Surge-Protected Overvoltage Protector |

| | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total Quiescent Current typ | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX17561** | Adjustable Overvoltage and Overcurrent Protectors with High Accuracy | PRODUCTION | 1 | Overcurrent Protection, Overvoltage Protection | 4.5V to 36V | 4.5 | 36 | - | - | Adjustable Overvoltage and Overcurrent Protector with High Accuracy |
| **MAX17562** | Adjustable Overvoltage and Overcurrent Protectors with High Accuracy | PRODUCTION | 1 | Overcurrent Protection, Overvoltage Protection | 4.5V to 36V | 4.5 | 36 | - | - | Adjustable Overvoltage and Overcurrent Protector with High Accuracy |
| **MAX17563** | Adjustable Overvoltage and Overcurrent Protectors with High Accuracy | PRODUCTION | 1 | Overcurrent Protection, Overvoltage Protection | 4.5V to 36V | 4.5 | 36 | - | - | Adjustable Overvoltage and Overcurrent Protector with High Accuracy |
| **MAX20323** | USB Type-C CC-Pin Overvoltage Protector | RECOMMENDED FOR NEW DESIGNS | 2 | USB Type-C Overvoltage Protector | -0.3V to 19V | 2.5 | 5.5 | 20µ | - | USB Type-C CC-Pin Over-voltage Protector |
| **MAX20323A** | USB Type-C CC-Pin Overvoltage Protector | PRE-RELEASE | 2 | USB Type-C Overvoltage Protector | -0.3V to 19V | 2.5 | 5.5 | 20µ | - | USB Type-C CC-Pin Over-voltage Protector |
| **MAX20323B** | USB Type-C CC-Pin Overvoltage Protector | PRE-RELEASE | 2 | USB Type-C Overvoltage Protector | -0.3V to 19V | 2.5 | 5.5 | 20µ | - | USB Type-C CC-Pin Over-voltage Protector |
| **MAX20323C** | USB Type-C CC-Pin Overvoltage Protector | RECOMMENDED FOR NEW DESIGNS | 2 | USB Type-C Overvoltage Protector | -0.3V to 19V | 2.5 | 5.5 | 20µ | - | USB Type-C CC-Pin Overvoltage Protector |
| **MAX20323D** | USB Type-C CC-Pin Overvoltage Protector | PRODUCTION | 2 | USB Type-C Overvoltage Protector | -0.3V to 19V | 2.5 | 5.5 | 20µ | - | USB Type-C CC-Pin Overvoltage Protector |
| **MAX20323E** | USB Type-C CC-Pin Overvoltage Protector | PRE-RELEASE | 2 | USB Type-C Overvoltage Protector | -0.3V to 19V | 2.5 | 5.5 | 20µ | - | USB Type-C CC-Pin Over-voltage Protector |
| **MAX20323F** | USB Type-C CC-Pin Overvoltage Protector | PRODUCTION | 2 | USB Type-C Overvoltage Protector | -0.3V to 19V | 2.5 | 5.5 | 20µ | - | USB Type-C CC-Pin Overvoltage Protector |
| **MAX17523** | 4.2V to 36V, 1A Current Limiter with OV, UV, Reverse Voltage Protection | PRODUCTION | 1 | Overcurrent Protection, Overvoltage Protection, Reverse Current Protection | 4.5V to 36V | 4.5 | 36 | 530µ | - | 4.2V to 36V, 1A Current Limiter with OV, UV, Reverse Voltage Protection |

| | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total typ Quiescent Current | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX17523A** | 4.2V to 36V, 1A Current Limiter with OV, UV, Reverse Voltage Protection | PRODUCTION | 1 | Overcurrent Protection, Overvoltage Protection, Reverse Current Protection | 4.2V to 36V | 4.2 | 36 | 530µ | - | 4.2V to 36V, 1A Current Limiter with OV, UV, Reverse Voltage Protection |
| **LTC4368** | 100V UV/OV and Reverse Protection Controller with Bidirectional Circuit Breaker | RECOMMENDED FOR NEW DESIGNS | 1 | Circuit Breaker, OV Disconnect, Reverse Current Blocking, Reverse Input Protection, UV Lockout | 2.5V to 60V | 2.5 | 60 | 80µ | ±50mV or +50mV/-3mV | Bidirectional circuit breaker, Voltage window passer with adjustable UV/OV thresholds and reverse in |
| **MAX14743** | Over Voltage and Surge Protected Dual SPDT Data Line Switch | PRODUCTION | 2 | Overvoltage Protection | -6V to 12V | -6 | 12 | - | - | Over Voltage and Surge Protected 2xSPDT Data Line Switch |
| **MAX17525** | High-Accuracy, Adjustable Power Limiter | RECOMMENDED FOR NEW DESIGNS | 1 | Power Limiter | 5.5V to 60V | 4.5 | 60 | - | - | High-Accuracy, Adjustable Power Limiter with Improved Reverse Blocking |
| **MAX14738** | High-Current Overvoltage Protectors with Adjustable OVLO | RECOMMENDED FOR NEW DESIGNS | 1 | Overvoltage Protection | 2.2V to 36V | 2.2 | 36 | - | - | Compact High Current Over-Voltage Protector with Adjustable OVLO |
| **MAX15090B** | 2.7V to 18V, 12A, Hot-Swap Solution with Current Report Output | PRODUCTION | 1 | Hot Swap | 2.7V to 18V | 2.7 | 18 | - | - | 2.7V to 18V, 12A, Hot-Swap Solution with Current Report Output and Latchoff |
| **MAX15090C** | 2.7V to 18V, 12A, Hot-Swap Solution with Current Report Output | PRODUCTION | 1 | Hot Swap | 2.7V to 18V | 2.7 | 18 | - | - | 2.7V to 18V, 12A, Hot-Swap Solution with Current Report Output and Auto Retry |
| **LTC4380** | Low Quiescent Current Surge Stopper | RECOMMENDED FOR NEW DESIGNS | 1 | Circuit Breaker, Current Limit, Reverse Input Protection, Surge Stopper, UV Lockout | 4V to 72V | 4 | 72 | 8µ | 50mV | Ride-through protection with 8uA Iq, Adjustable output-clamp and circuit-breaker with timer, Shutdow |

| | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total typ Quiescent Current | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX14736** | Precision, Ultra-Fast, Low Supply Current, Bidirectional Overvoltage Protector | RECOMMENDED FOR NEW DESIGNS | 1 | Overvoltage Protection | 2.1V to 5.5V | 2.1 | 5.5 | - | - | Precision, Ultra-Fast, Low IQ, Overvoltage Protector with Active-Low Enable |
| **LTC4367** | 100V Overvoltage, Undervoltage and Reverse Supply Protection Controller | RECOMMENDED FOR NEW DESIGNS | 1 | OV Disconnect, Reverse Input Protection, UV Lockout | 2.5V to 60V | 2.5 | 60 | 70µ | - | Voltage window passer with adjustable UV/OV thresholds and reverse input protection, Shutdown mode |
| **LTC7860** | High Efficiency Switching Surge Stopper | RECOMMENDED FOR NEW DESIGNS | 1 | Current Limit, Reverse Input Protection, Switching Surge Stopper | 60V (extendable to 200V+) | 3.5 | 60 | 770µ | 95mV | Ride-through PWM switching protection, Adjustable output-clamp with timer, Current limit, Shutdown m |
| **MAX14721** | High-Accuracy, Adjustable Power Limiters | PRODUCTION | 1 | Power Limiter | 5.5V to 60V | 5.5 | 60 | - | - | High-Accuracy, Adjustable Power Limiter |
| **MAX14722** | High-Accuracy, Adjustable Power Limiters | PRODUCTION | 1 | Power Limiter | 5.5V to 60V | 5.5 | 60 | - | - | High-Accuracy, Adjustable Power Limiter with 1.5x Startup Current |
| **MAX14723** | High-Accuracy, Adjustable Power Limiters | PRODUCTION | 1 | Power Limiter | 5.5V to 60V | 5.5 | 60 | - | - | High-Accuracy, Adjustable Power Limiter with 2.0x Startup Current |
| **MAX14691** | High-Accuracy, Adjustable Power Limiter | PRODUCTION | 1 | Power Limiter | 5.5V to 58V | 5.5 | 58 | - | - | High-Accuracy, Adjustable Power Limiter |
| **MAX14692** | High-Accuracy, Adjustable Power Limiter | PRODUCTION | 1 | Power Limiter | 5.5V to 58V | 5.5 | 58 | - | - | High-Accuracy, Adjustable Power Limiter 1.5x Startup Current |

| | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total Quiescent Current typ | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX14693** | High-Accuracy, Adjustable Power Limiter | PRODUCTION | 1 | Power Limiter | 5.5V to 58V | 5.5 | 58 | - | - | High-Accuracy, Adjustable Power Limiter 2.0x Startup Current |
| **MAX15096** | 2.7V to 18V, 6A Integrated Hot-Swap/Electronic Circuit Breaker | PRODUCTION | 1 | Hot Swap | 2.7V to 18V | 2.7 | 18 | - | - | 2.7V to 18V, 6A Integrated Hot-Swap/Electronic Circuit Breaker with Latchoff |
| **MAX14670** | Bidirectional Current-Blocking, High-Input Overvoltage Protectors with Adjustable OVLO | PRODUCTION | 1 | Overvoltage Protection | 2.2V to 29V | 2.2 | 29 | - | - | Bi-Directional Current Blocking OVP |
| **MAX14671** | Bidirectional Current-Blocking, High-Input Overvoltage Protectors with Adjustable OVLO | PRODUCTION | 1 | Overvoltage Protection | 2.2V to 29V | 2.2 | 29 | - | - | Bi-Directional Current Blocking OVP |
| **MAX14672** | Bidirectional Current-Blocking, High-Input Overvoltage Protectors with Adjustable OVLO | PRODUCTION | 1 | Overvoltage Protection | 2.2V to 29V | 2.2 | 29 | - | - | Bi-Directional Current Blocking OVP |
| **MAX15091** | 2.7V to 18V, 9A, Integrated Hot-Swap Solution with Current Report Output | PRODUCTION | 1 | Hot Swap | 2.7V to 18V | 2.7 | 18 | - | - | 2.7V to 18V, 9A, Integrated Hot-Swap Solution with Current Report Output and Latchoff |
| **MAX15091A** | 2.7V to 18V, 9A, Integrated Hot-Swap Solution with Current Report Output | PRODUCTION | 1 | Hot Swap | 2.7V to 18V | 2.7 | 18 | - | - | 2.7V to 18V, 9A, Integrated Hot-Swap Solution with Current Report Output with Auto Retry |
| **MAX14653** | High-Current Overvoltage Protector with Adjustable OVLO | PRODUCTION | 1 | Overvoltage Protection | 2.5V to 28V | 2.5 | 28 | - | - | High Current Overvoltage Protector with Integrated 80V Surge Protection |

| | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total Quiescent Current typ | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX14654** | High-Current Overvoltage Protector with Adjustable OVLO | PRODUCTION | 1 | Overvoltage Protection | 2.5V to 28V | 2.5 | 28 | - | - | High Current Overvoltage Protector with Integrated 80V Surge Protection |
| **MAX14655** | High-Current Overvoltage Protector with Adjustable OVLO | PRODUCTION | 1 | Overvoltage Protection | 2.5V to 28V | 2.5 | 28 | - | - | High Current Overvoltage Protector with Integrated 80V Surge Protection |
| **LTM4641** | 38V, 10A DC/DC µModule (Power Module) Regulator with Advanced Input and Load Protection | RECOMMENDED FOR NEW DESIGNS | 1 | Current Limit, OV Disconnect, uModule Regulator, UV Lockout | 4.5V to 38V | 4.5 | 38 | 8m | - | 38V, 10A DC/DC µModule Regulator with Advanced Input and Load Protection |
| **MAX16128** | Load-Dump/Reverse-Voltage Protection Circuits | PRODUCTION | 1 | Reverse Voltage Protection | 3V to 90V | 3 | 90 | - | - | Load-Dump/Reverse-Voltage Protection Circuits |
| **MAX16129** | Load-Dump/Reverse-Voltage Protection Circuits | PRODUCTION | 1 | Reverse Voltage Protection | 3V to 90V | 3 | 90 | - | - | Load-Dump/Reverse-Voltage Protection Circuits |
| **LTC4364** | Surge Stopper with Ideal Diode | RECOMMENDED FOR NEW DESIGNS | 1 | Circuit Breaker, Current Limit, Reverse Current Blocking, Reverse Input Protection, Reverse Output Protection, Surge Stopper, UV Lockout | 4V to 80V | 4 | 80 | 483µ | 50mV | Ride-through protection with ideal diode, Adjustable output-clamp and circuit-breaker with timer, Sh |
| **MAX14606** | Overvoltage Protectors with Reverse Bias Blocking | PRODUCTION | 1 | Overvoltage Protection | 2.3V to 36V | 23 | 36 | - | - | Overvoltage Protector with Reverse Bias Blocking |
| **MAX14607** | Overvoltage Protectors with Reverse Bias Blocking | PRODUCTION | 1 | Overvoltage Protection | 2.3V to 36V | 2.3 | 36 | - | - | Overvoltage Protector with Reverse Bias Blocking |

| | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total typ Quiescent Current | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **LT4363** | High Voltage Surge Stopper with Current Limit | RECOMMENDED FOR NEW DESIGNS | 1 | Circuit Breaker, Current Limit, Reverse Input Protection, Surge Stopper, UV Lockout | 4V to 80V | -60 | 100 | 970µ | 50mV | Ride-through protection, Adjustable output-clamp and circuit-breaker with timer, Shutdown mode, Latc |
| **LTC4366** | High Voltage Surge Stopper | RECOMMENDED FOR NEW DESIGNS | 1 | Reverse Input Protection, Surge Stopper | 9V to Over 500V | 9 | 500 | 159µ | - | Ride-through protection, Floats for high voltage operation, Adjustable output-clamp with timer, Shut |
| **MAX16126** | Load-Dump/Reverse-Voltage Protection Circuits | PRODUCTION | 1 | Reverse Voltage Protection | 3V to 90V | 3 | 90 | - | - | Load-Dump/Reverse-Voltage Protection Circuits |
| **MAX16127** | Load-Dump/Reverse-Voltage Protection Circuits | PRODUCTION | 1 | Reverse Voltage Protection | 3V to 90V | 3 | 90 | - | - | Load-Dump/Reverse-Voltage Protection Circuits |
| **MAX14586** | High-Current Overvoltage Protectors with Adjustable OVLO | PRODUCTION | 1 | Overvoltage Protection | 2.2V to 36V | 2.2 | 36 | - | - | High Current Overvoltage Protectors with Adjustable OVLO |
| **MAX14590** | High-Current Overvoltage Protectors with Adjustable OVLO | PRODUCTION | 1 | Overvoltage Protection | 2.2V to 36V | 2.2 | 36 | - | - | High Current Overvoltage Protectors with Adjustable OVLO |
| **LTC4365** | Overvoltage, Undervoltage and Reverse Supply Protection Controller | RECOMMENDED FOR NEW DESIGNS | 1 | OV Disconnect, Reverse Input Protection, UV Lockout | 2.5V to 34V | -40 | 60 | 125µ | - | Voltage window passer with adjustable UV/OV thresholds and reverse input protection, Shutdown mode |
| **LTC4362** | 1.2A Overvoltage/Overcurrent Protector | RECOMMENDED FOR NEW DESIGNS | 1 | Circuit Breaker, OV Disconnect, Reverse Input Protection | 2.5V to 5.5V | 2.5 | 28 | 220µ | 1.5A | 5.8V OV threshold, Internal FET and sense resistor, 28V Protection, Reverse input PFET driver, -1 La |

| | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total typ Quiescent Current | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **LTC4360** | Overvoltage Protection Controller | RECOMMENDED FOR NEW DESIGNS | 1 | OV Disconnect, Reverse Input Protection | 2.5V to 5.5V | 2.5 | 80 | 230µ | - | 5.8V OV threshold, 80V protection, -1 for Shutdown mode, -2 for Reverse input PFET driver |
| **LTC4361** | Overvoltage/Overcurrent Protection Controller | RECOMMENDED FOR NEW DESIGNS | 1 | Circuit Breaker, OV Disconnect, Reverse Input Protection | 2.5V to 5.5V | 2.5 | 80 | 230µ | 50mV | 5.8V OV threshold, 50mV overcurrent threshold, 80V protection, Reverse input PFET driver, -1 Latchof |
| **MAX16914** | Ideal Diode, Reverse-Battery, and Overvoltage Protection Switch/Limiter Controllers with External MOSFETs | PRODUCTION | 1 | Ideal Diode, Overvoltage Protection | 4.5V to 19V | 4.5 | 19 | - | - | Ideal Diode, Reverse-Battery, OVP Switch/Limiter Controllers for External MOSFET |
| **MAX16915** | Ideal Diode, Reverse-Battery, and Overvoltage Protection Switch/Limiter Controllers with External MOSFETs | PRODUCTION | 1 | Ideal Diode, Overvoltage Protection | 4.5V to 19V | 4.5 | 19 | - | Adjustable (1.2V) | Ideal Diode, Reverse-Battery, OVP Switch/Limiter Controllers for External MOSFET |
| **LT4356MP-1** | Surge Stopper | RECOMMENDED FOR NEW DESIGNS | 1 | Circuit Breaker, Current Limit, Reverse Input Protection, Surge Stopper | 4V to 80V | -60 | 100 | 1.21m | 50mV | Ride-through protection, Adjustable output-clamp and circuit-breaker with timer, -55C to 125C Operat |
| **LT4356MP-2** | Surge Stopper | RECOMMENDED FOR NEW DESIGNS | 1 | Circuit Breaker, Current Limit, Reverse Input Protection, Surge Stopper, UV Lockout | 4V to 80V | -60 | 100 | 1.21m | 50mV | Ride-through protection, Adjustable output-clamp and circuit-breaker with timer, -55C to 125C Operat |
| **LT4356-3** | Surge Stopper with Fault Latchoff | RECOMMENDED FOR NEW DESIGNS | 1 | Circuit Breaker, Current Limit, Reverse Input Protection, Surge Stopper | 4V to 80V | -60 | 100 | 1.21m | 50mV | Ride-through protection, Adjustable output-clamp and circuit-breaker with timer, Shutdown mode, Latc |

| | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total typ Quiescent Current | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX14529E** | Overvoltage Protection with USB Charger Detection, LDO, and ESD Protection on D+/D- | PRODUCTION | 1 | Overvoltage Protection | 2.2V to 28V | 2.2 | 28 | - | - | Overvoltage Protection with USB Charger Detection, LDO, and ESD Protection on D+/D- |
| **MAX14527** | Adjustable Overvoltage Protector with High Accuracy | PRODUCTION | 1 | Overvoltage Protection | 2.2V to 28V | 2.2 | 28 | - | - | Overvoltage Protection with adjustable trip level or optional preset trip voltage of 5.75V |
| **MAX4980** | Overvoltage Protector with Active Current Limit | PRODUCTION | 1 | Overvoltage Protection | 2.3V to 28V | 2.3 | 28 | - | 5.7 | Overvoltage Protector with Active Current Limit |
| **MAX4970** | Overvoltage-Protection Controllers with a Low RON Internal FET | RECOMMENDED FOR NEW DESIGNS | 1 | Overvoltage Protection | 2.2V to 28V | 2.2 | 28 | - | 5.9 | Overvoltage-Protection Controllers with a Low RON Internal FET |
| **MAX4987AE** | Overvoltage-Protection Controller with USB ESD Protection | PRODUCTION | 1 | Overvoltage Protection | 2.2V to 28V | 2.2 | 28 | - | 6.15 | Overvoltage-Protection Switch with USB ESD Protection |
| **LT4356-1** | Surge Stopper | RECOMMENDED FOR NEW DESIGNS | 1 | Circuit Breaker, Current Limit, Reverse Input Protection, Surge Stopper | 4V to 80V | -60 | 100 | 1.21m | 50mV | Ride-through protection, Adjustable output-clamp and circuit-breaker with timer, Shutdown mode, Auto |
| **LT4356-2** | Surge Stopper | RECOMMENDED FOR NEW DESIGNS | 1 | Circuit Breaker, Current Limit, Reverse Input Protection, Surge Stopper, UV Lockout | 4V to 80V | -60 | 100 | 1.21m | 50mV | Ride-through protection, Adjustable output-clamp and circuit-breaker with timer, Shutdown mode (aux |
| **MAX4925** | Overvoltage Protectors with External pFET | PRODUCTION | 1 | Overvoltage Protection | 1.8V to 28V | 1.8 | 28 | - | 5.65 | Overvoltage Protector with External pFET |
| **MAX4945** | Overvoltage-Protection Controllers with Internal FET | PRODUCTION | 1 | Overvoltage Protection | 2.2V to 28V | 2.2 | 28 | - | 5.8 | Overvoltage Protection Controller with Internal FET |

| | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total Quiescent Current typ | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX4840A** | Overvoltage-Protection Controllers with Status Flag | PRODUCTION | 1 | Overvoltage Protection | 1.2V to 28V | 1.2 | 28 | - | 5.8 | Overvoltage Protection Controller with Status FLAG |
| **MAX6495** | 72V, Overvoltage-Protection Switches/Limiter Controllers with an External MOSFET | PRODUCTION | 1 | Overvoltage Protection | 5.5V to 72V | 5.5 | 72 | - | Adjustable (1.2V) | Overvoltage Switch Controller/Limiter Operates Up to 72V |
| **MAX6496** | 72V, Overvoltage-Protection Switches/Limiter Controllers with an External MOSFET | PRODUCTION | 1 | Overvoltage Protection | 5.5V to 72V | 5.5 | 72 | - | Adjustable (1.2V) | Overvoltage Switch Controller/Limiter Operates Up to 72V with Reverse Battery Protection |
| **MAX6497** | 72V, Overvoltage-Protection Switches/Limiter Controllers with an External MOSFET | PRODUCTION | 1 | Overvoltage Protection | 5.5V to 72V | 5.5 | 72 | - | Adjustable (1.2V) | Overvoltage Switch Controller/Limiter Operates Up to 72V with Reverse Battery Protection |
| **MAX6499** | 72V, Overvoltage-Protection Switches/Limiter Controllers with an External MOSFET | PRODUCTION | 1 | Overvoltage Protection | 5.5V to 72V | 5.5 | 72 | - | Adjustable (1.2V) | Overvoltage Switch Controller/Limiter Operates Up to 72V with Reverse Battery Protection |
| **MAX6398** | Overvoltage Protection Switch/Limiter Controllers Operate Up to 72V | PRODUCTION | 1 | Overvoltage Protection | 5.5V to 72V | 5.5 | 72 | - | Adjustable (1.2V) | Overvoltage Switch Controller/Limiter Operates Up to 72V |
| **MAX4845** | Overvoltage Protection Controllers with Low Standby Current | PRODUCTION | 1 | Overvoltage Protection | 1.2V to 28V | 1.2 | 28 | - | 5.8 | Overvoltage Protection Controller with Low Standby Current |
| **MAX4865L** | Overvoltage Protection Controllers with Reverse Polarity Protection | PRODUCTION | 1 | Overvoltage Protection | 1.2V to 28V | 1.2 | 28 | - | 6.35 | Overvoltage Protection Controller with Low Standby Current |
| **MAX4866L** | Overvoltage Protection Controllers with Reverse Polarity Protection | PRODUCTION | 1 | Overvoltage Protection | 1.2V to 28V | 1.2 | 28 | - | 5.8 | Overvoltage Protection Controller with Low Standby Current |

| | Description | Product Lifecycle | # of Channels | Power Management Function | Vin Range | Vin min | Vin max | Total Quiescent Current typ | Circuit Breaker Threshold | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| **MAX4838** | Overvoltage Protection Controllers with Status FLAG | PRODUCTION | 1 | Overvoltage Protection | 1.2V to 28V | 1.2 | 28 | - | 7.4 | Overvoltage Protection Controller with Status FLAG |
| **MAX4840** | Overvoltage Protection Controllers with Status FLAG | PRODUCTION | 1 | Overvoltage Protection | 1.2V to 28V | 1.2 | 28 | - | 5.8 | Overvoltage Protection Controller with Status FLAG |
| **MAX4841** | Overvoltage Protection Controllers with Status FLAG | PRODUCTION | 1 | Overvoltage Protection | 1.2V to 28V | 1.2 | 28 | - | 5.8 | Overvoltage Protection Controller with Status FLAG |
| **LTC1696** | Overvoltage Protection Controller | PRODUCTION | 2 | OV Disconnect | 0.8V to 24V | 2.7 | 28 | 170µ | - | Monitors Two Output Voltages from 0.8V to 24V. Gate drive for SCR crowbar or external N-channel FET |
| **MAX1807** | Micropower Adjustable Overvoltage Protection Controllers | PRODUCTION | 5 | Overvoltage Protection | 2V to 28V | 2 | 28 | - | Adjustable (1.1V) | Micropower Adjustable Overvoltage Protection Controllers |
| **MAX1808** | Micropower Adjustable Overvoltage Protection Controllers | PRODUCTION | 5 | Overvoltage Protection | 2V to 28V | 2 | 28 | - | Adjustable (1.1V) | Micropower Adjustable Overvoltage Protection Controllers |

# Thermoelectric Cooler Controller

| Parts | Description | Product Lifecycle | FET Gate Drive | Input Type | Iout max | PWM Outputs | PWM Frequency max | Feedback Type | Shutdown | Is typ | Vs+ min | Vs+ max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **ADUCM430** | Precision Analog Microcontroller, 12-Bit Analog Input and Output with PMIC and TECC, Arm Cortex-M3 | RECOMMENDED FOR NEW DESIGNS | - | Single-Ended | 1.3 | - | - | - | - | - | - | - |
| **LT8722** | Ultracompact 4A, 15V, Full Bridge Driver with SPI | RECOMMENDED FOR NEW DESIGNS | Yes | Single-Ended | 4 | Yes | 3M | Neg Thermal Coefficent, Pos Thermal Coefficient | Yes | - | - | - |
| **LTM4663** | Ultrathin 1.5A µModule Thermoelectric Cooler (TEC) Regulator | RECOMMENDED FOR NEW DESIGNS | Yes | Single-Ended | 1.5 | Yes | 2M | Neg Thermal Coefficent, Pos Thermal Coefficient | Yes | 3.8m | 2.7 | 5.5 |
| **ADN8835** | Ultracompact, 3 A Thermoelectric Cooler (TEC) Controller | RECOMMENDED FOR NEW DESIGNS | Yes | Single-Ended | 3 | Yes | 2M | Neg Thermal Coefficent | Yes | 3.3m | 2.7 | 5.5 |
| **LTM8064** | 58VIN, 6A CVCC Step-Down µModule Regulator | RECOMMENDED FOR NEW DESIGNS | - | Single-Ended | 6 | Yes | 1M | - | Yes | 2.5m | 6 | 58 |
| **ADN8833** | Ultracompact, 1 A Thermoelectric Cooler (TEC) Driver for Digital Control Systems | RECOMMENDED FOR NEW DESIGNS | Yes | Single-Ended | 1 | Yes | 2M | Neg Thermal Coefficent, Pos Thermal Coefficient | Yes | 2.1m | 2.7 | 5.5 |
| **ADN8834** | Ultracompact 1.5 A Thermoelectric Cooler (TEC) Controller | RECOMMENDED FOR NEW DESIGNS | Yes | Single-Ended | 1.5 | Yes | 2M | Neg Thermal Coefficent, Pos Thermal Coefficient | Yes | 3.3m | 2.7 | 5.5 |
| **ADN8831** | A High Efficiency TEC Controller Solution | PRODUCTION | Yes | Single-Ended | 4 | Yes | 1M | Neg Thermal Coefficent, Pos Thermal Coefficient | Yes | 15m | 3 | 5.5 |

| | Description | Product Lifecycle | FET Gate Drive | Input Type | Iout max | PWM Outputs | PWM Frequency max | Feedback Type | Shutdown | Is typ | Vs+ min | Vs+ max |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX8520** | Smallest TEC Power Drivers for Optical Modules | PRODUCTION | Yes | Single-Ended | 1.5 | Yes | 1M | - | Yes | 11m | 3 | 5.5 |
| **MAX8521** | Smallest TEC Power Drivers for Optical Modules | PRODUCTION | Yes | Single-Ended | 1.5 | Yes | 1M | - | Yes | 11m | 3 | 5.5 |
| **MAX1978** | Integrated Temperature Controllers for Peltier Modules | PRODUCTION | Yes | Single-Ended | 3 | Yes | 1M | - | Yes | - | 3 | 5.5 |
| **MAX1979** | Integrated Temperature Controllers for Peltier Modules | PRODUCTION | Yes | Single-Ended | 6 | Yes | 1M | - | Yes | - | 3 | 5.5 |
| **MAX1968** | Power Drivers for Peltier TEC Modules | PRODUCTION | Yes | Single-Ended | 3 | Yes | 1M | - | Yes | - | 3 | 5.5 |
| **MAX1969** | Power Drivers for Peltier TEC Modules | PRODUCTION | Yes | Single-Ended | 6 | Yes | 1M | - | Yes | - | 3 | 5.5 |
| **LTC1923** | High Efficiency Thermoelectric Cooler Controller | PRODUCTION | Yes | Single-Ended | 5 | Yes | 1.6M | Neg Thermal Coefficent, Pos Thermal Coefficient | Yes | 2m | 2.7 | 6 |

# USB Power Switches

| Parts | Description | Product Lifecycle | Current min Limit | # Power Switches | Current max Limit | # Data Switches | USB | Fault Indicator | Current Limit Accuracy | Current Limit Set By | Lowest Adj. Setting | RON typ | VSUPPLY max | VSUPPLY min | Enable | Over-Current Response | Indicator Output(s) | Reverse Current Response |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX25460** | Automotive 1.5A Step-Down Converter with USB Protection/Host Charger Adapter Emulator | RECOMMENDED FOR NEW DESIGNS | 300 | 1 | 1620 | 1 | USB 2.0 High Speed | Yes | - | Resistor | 0.3 | 0.051 | 40 | 4.5 | H | Auto-Retry | Fault | - |
| **MAX20333** | Adjustable Current-Limit Switch with Low Power Mode | RECOMMENDED FOR NEW DESIGNS | 200 | 1 | 5500 | - | Yes | Yes | 7 | Resistor | 0.2 | 2.3E-2 | 22 | 3.5 | H | Latch-Off | - | - |
| **MAX16972** | 3A Automotive Hi-Speed USB Protectors with Apple iPhone/iPad and USB 2.0 Charge Detection | PRODUCTION | 500 | 1 | 3000 | 1 | Yes | Yes | 5 | Pin Select | - | 3.1E-2 | 5.5 | 4.75 | L | Auto-Retry | Fault | Block when off |
| **MAX16972A** | 3A Automotive Hi-Speed USB Protectors with Apple iPhone/iPad and USB 2.0 Charge Detection | PRODUCTION | 500 | 1 | 3000 | 1 | Yes | Yes | 5 | Pin Select | - | 3.1E-2 | 5.5 | 4.75 | H | Auto-Retry | Fault | Block when off |
| **MAX20313** | 500mA to 6A Adjustable Current-Limit Switches | RECOMMENDED FOR NEW DESIGNS | 500 | 1 | 6000 | - | Yes | Yes | - | Resistor | 0.5 | 0.01 | 5.5 | 2.5 | H | Current Regulation | Fault | Block when on/off |
| **MAX20314** | 500mA to 6A Adjustable Current-Limit Switches | PRODUCTION | 500 | 1 | 6000 | - | Yes | Yes | - | Resistor | 0.5 | 0.01 | 5.5 | 2.5 | H | Latch-Off | Fault | Block when on/off |
| **MAX20315** | 500mA to 6A Adjustable Current-Limit Switches | RECOMMENDED FOR NEW DESIGNS | 500 | 1 | 6000 | - | Yes | Yes | - | Resistor | 0.5 | 0.01 | 5.5 | 2.5 | L | Current Regulation | Fault | Block when on/off |
| **MAX20316** | 500mA to 6A Adjustable Current-Limit Switches | RECOMMENDED FOR NEW DESIGNS | 500 | 1 | 6000 | - | Yes | Yes | - | Resistor | 0.5 | 0.01 | 5.5 | 2.5 | L | Latch-Off | Fault | Block when on/off |
| **MAX20046** | Automotive Hi-Speed USB 2.0 Protector | PRODUCTION | 23 | 1 | 120 | - | Yes | Yes | 12.5 | Pin Select, Preset | 0.23 | 0.27 | 5.5 | 4.75 | L | Auto-Retry | Fault | Block when on/off |
| **MAX20042F** | Automotive Hi-Speed USB 2.0 Protectors | PRODUCTION | 650 | 1 | 650 | - | Yes | Yes | 12.5 | Preset | 0.65 | 5.0999999999999997E-2 | 5.5 | 4.75 | L | Auto-Retry | Fault | Block when on/off |
| **MAX20043F** | Automotive Hi-Speed USB 2.0 Protectors | PRODUCTION | 1000 | 1 | 1000 | - | Yes | Yes | 12.5 | Preset | 0.65 | 5.0999999999999997E-2 | 5.5 | 4.75 | L | Auto-Retry | Fault | Block when on/off |
| **MAX20044F** | Automotive Hi-Speed USB 2.0 Protectors | PRODUCTION | 1300 | 1 | 1300 | - | Yes | Yes | 12.5 | Preset | 0.65 | 5.0999999999999997E-2 | 5.5 | 4.75 | L | Auto-Retry | Fault | Block when on/off |

| | Description | Product Lifecycle | Current min Limit | # Power Switches | Current max Limit | # Data Switches | USB | Fault Indicator | Current Limit Accuracy | Current Limit Set By | Lowest Adj. Setting | RON typ | VSUPPLY max | VSUPPLY min | Enable | Over-Current Response | Indicator Output(s) | Reverse Current Response |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX14575A** | 250mA to 2.5A Adjustable Current-Limit Switches | PRODUCTION | 250 | 1 | 2500 | - | Yes | Yes | 10 | Resistor | 0.25 | 3.2000000000000001E-2 | 5.5 | 2.2999999999999998 | H | Auto-Retry | Fault | Block when on/off |
| **MAX14575AL** | 250mA to 2.5A Adjustable Current-Limit Switches | PRODUCTION | 250 | 1 | 2500 | - | Yes | Yes | 10 | Resistor | 0.25 | 3.2000000000000001E-2 | 5.5 | 2.2999999999999998 | L | Auto-Retry | - | Block when on/off |
| **MAX14575B** | 250mA to 2.5A Adjustable Current-Limit Switches | PRODUCTION | 250 | 1 | 2500 | - | Yes | Yes | 10 | Resistor | 0.25 | 3.2000000000000001E-2 | 5.5 | 2.2999999999999998 | H | Latch-Off | Fault | Block when on/off |
| **MAX14575C** | 250mA to 2.5A Adjustable Current-Limit Switches | PRODUCTION | 250 | 1 | 2500 | - | Yes | Yes | 10 | Resistor | 0.25 | 3.2000000000000001E-2 | 5.5 | 2.2999999999999998 | H | Current Regulation | Fault | Block when on/off |
| **MAX14523A** | 250mA to 1.5A, Adjustable Current-Limit Switches | PRODUCTION | 250 | 1 | 1500 | - | Yes | Yes | 10 | Resistor | 0.25 | .07 | 5.5 | 1.7 | H | Auto-Retry | Fault | Block when off, Current limit when on |
| **MAX14523AL** | 250mA to 1.5A, Adjustable Current-Limit Switches | PRODUCTION | - | - | - | - | Yes | Yes | - | Resistor | 0.25 | .07 | 5.5 | 1.7 | L | Auto-Retry | Fault | Block when off, Current limit when on |
| **MAX14523B** | 250mA to 1.5A, Adjustable Current-Limit Switches | PRODUCTION | 250 | 1 | 1500 | - | Yes | Yes | 10 | Resistor | 0.25 | .07 | 5.5 | 1.7 | H | Latch-Off | Fault | Block when off, Current limit when on |
| **MAX14523C** | 250mA to 1.5A, Adjustable Current-Limit Switches | PRODUCTION | 250 | 1 | 1500 | - | Yes | Yes | 10 | Resistor | 0.25 | .07 | 5.5 | 1.7 | H | Current Regulation | Fault | Block when off, Current limit when on |
| **MAX4995A** | 50mA to 600mA Programmable Current-Limit Switches | PRODUCTION | 50 | 1 | 600 | - | Yes | Yes | 10 | Resistor | 0.05 | 0.13 | 5.5 | 1.7 | H | Auto-Retry | Fault | Block when off, Current limit when on |
| **MAX4995AF** | 50mA to 600mA Programmable Current-Limit Switches | PRODUCTION | 50 | 1 | 600 | - | Yes | Yes | 10 | Resistor | 0.05 | 0.13 | 5.5 | 1.7 | H | Auto-Retry | Fault | Block when off, Current limit when on |
| **MAX4995AL** | 50mA to 600mA Programmable Current-Limit Switches | PRODUCTION | 50 | 1 | 600 | - | Yes | Yes | 10 | Resistor | 0.05 | 0.13 | 5.5 | 1.7 | L | Auto-Retry | Fault | Block when off, Current limit when on |

| | Description | Product Lifecycle | Current min Limit | # Power Switches | Current max Limit | # Data Switches | USB | Fault Indicator | Current Limit Accuracy | Current Limit Set By | Lowest Adj. Setting | RON typ | VSUPPLY max | VSUPPLY min | Enable | Over-Current Response | Indicator Output(s) | Reverse Current Response |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX4995B** | 50mA to 600mA Programmable Current-Limit Switches | PRODUCTION | 50 | 1 | 600 | - | Yes | Yes | 10 | Resistor | 0.05 | 0.13 | 5.5 | 1.7 | H | Latch-Off | Fault | Block when off, Current limit when on |
| **MAX4995C** | 50mA to 600mA Programmable Current-Limit Switches | PRODUCTION | 50 | 1 | 600 | - | Yes | Yes | 10 | Resistor | 0.05 | 0.13 | 5.5 | 1.7 | H | Current Regulation | Fault | Block when off, Current limit when on |
| **MAX1564** | Triple 1.2A USB Switch in 4mm x 4mm Thin QFN | PRODUCTION | 490 | 3 | 1200 | - | Yes | Yes | 12.5 | Resistor | 0.4 | 0.06 | 5.5 | 2.7 | H/L | Auto-Retry | Fault | Block when off, Current limit when on |
| **MAX8586** | Single 1.2A USB Switch in 3mm x 3mm TDFN | PRODUCTION | 500 | 1 | 1200 | - | Yes | Yes | 14 | Resistor | 0.5 | 5.5E-2 | 5.5 | 2.7 | H/L | Auto-Retry | Fault | Block when off, Current limit when on |
| **MAX4836** | 500mA LDO Linear Regulators with Current-Limiting Switch | PRODUCTION | 500 | 1 | 500 | - | Yes | Yes | 10 | Preset | - | 0.4 | 5.5 | 2.5 | H | Latch-Off | Fault | Block when on/off |
| **MAX4837** | 500mA LDO Linear Regulators with Current-Limiting Switch | PRODUCTION | 500 | 1 | 500 | - | Yes | No | 10 | Preset | - | 0.4 | 5.5 | 2.5 | H | Current Regulation | Reset | Block when on/off |
| **MAX1558** | Dual, 3mm x 3mm, 1.2A/Programmable-Current USB Switches with Autoreset | PRODUCTION | 500 | 2 | 1200 | - | Yes | Yes | 15 | Resistor | 0.5 | 5.5E-2 | 5.5 | 2.7 | L | Auto-Retry | Fault | Block when off |
| **MAX1558H** | Dual, 3mm x 3mm, 1.2A/Programmable-Current USB Switches with Autoreset | PRODUCTION | 500 | 2 | 1200 | - | Yes | Yes | 15 | Resistor | 0.5 | 5.5E-2 | 5.5 | 2.7 | H | Auto-Retry | Fault | Block when off |
| **MAX1562** | Programmable, 4A, USB, Current-Limited Switches with Autoreset and Fault Blanking | PRODUCTION | 1000 | 1 | 4000 | - | Yes | Yes | 20 | Resistor | 1 | 2.5999999999999999E-2 | 5.5 | 4 | L | Auto-Retry | Fault | - |
| **MAX1562H** | Programmable, 4A, USB, Current-Limited Switches with Autoreset and Fault Blanking | PRODUCTION | 1000 | 1 | 4000 | - | Yes | Yes | 20 | Resistor | 1 | 2.5999999999999999E-2 | 5.5 | 4 | H | Auto-Retry | Fault | - |

| | Description | Product Lifecycle | Current min Limit | # Power Switches | Current max Limit | # Data Switches | USB | Fault Indicator | Current Limit Accuracy | Current Limit Set By | Lowest Adj. Setting | RON typ | VSUPPLY max | VSUPPLY min | Enable | Over-Current Response | Indicator Output(s) | Reverse Current Response |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX1563** | Programmable, 4A, USB, Current-Limited Switches with Autoreset and Fault Blanking | PRODUCTION | 1000 | 1 | 4000 | - | Yes | Yes | 20 | Resistor | 1 | 2.5999999999999999E-2 | 5.5 | 4 | H/L | Auto-Retry | Fault | - |
| **MAX1940** | Triple USB Switch with Autoreset and Fault Blanking | PRODUCTION | 700 | 3 | 700 | - | Yes | Yes | 26 | Preset | - | 8.5000000000000006E-2 | 5.5 | 4 | H/L | Auto-Retry | Fault | - |
| **MAX1946** | Single USB Switch with Autoreset and Fault Blanking in Tiny TDFN | PRODUCTION | 740 | 1 | 740 | - | Yes | Yes | 24 | Preset | - | 7.4999999999999997E-2 | 5.5 | 2.7 | H/L | Auto-Retry | Fault | - |
| **MAX1931** | Current-Limited Switch for Single USB Port | PRODUCTION | 750 | 1 | 750 | - | Yes | Yes | 25 | Preset | - | 0.06 | 5.5 | 2.7 | L | Current Regulation | Fault | - |
| **MAX1922** | 1A Current-Limited Switch for 2 USB Ports | PRODUCTION | 1400 | 1 | 1400 | - | Yes | Yes | 20 | Preset | - | 7.0000000000000007E-2 | 5.5 | 2.7 | L | Current Regulation | Fault | - |
| **MAX1823** | Dual USB Switch with Fault Blanking and Autoreset | PRODUCTION | 720 | 2 | 720 | - | Yes | Yes | 25 | Preset | - | 0.075 | - | - | L | Auto-Retry | Fault | Block when off |
| **MAX1823A** | Dual USB Switch with Fault Blanking and Autoreset | PRODUCTION | 720 | 2 | 720 | - | Yes | Yes | 25 | Preset | - | 7.4999999999999997E-2 | 5.5 | 4 | L | Auto-Retry | Fault | Block when off |
| **MAX1823B** | Dual USB Switch with Fault Blanking and Autoreset | PRODUCTION | 720 | 2 | 720 | - | Yes | Yes | 25 | Preset | - | 7.4999999999999997E-2 | 5.5 | 4 | L | Auto-Retry | Fault | Block when off |
| **MAX1812** | Dual USB Switch with Fault Blanking | PRODUCTION | 600 | 2 | 600 | - | Yes | Yes | 33 | Preset | - | 7.4999999999999997E-2 | 5.5 | 4 | L | Current Regulation | Fault | - |
| **MAX1607** | USB Current-Limited Switch in Pin-Compatible Package | PRODUCTION | 700 | 1 | 1000 | - | Yes | Yes | 18 | Pin Select | 0.5 | 0.06 | 5.5 | 2.7 | L | Current Regulation | Fault | - |
| **MAX1693** | USB Current-Limited Switches with Fault Blanking | PRODUCTION | 700 | 1 | 1000 | - | Yes | Yes | 18 | Preset | 0.7 | 0.06 | 5.5 | 2.7 | L | Current Regulation | Fault | - |
| **MAX1693H** | USB Current-Limited Switches with Fault Blanking | PRODUCTION | 700 | 1 | 1000 | - | Yes | Yes | 18 | Preset | 0.7 | 0.06 | 5.5 | 2.7 | H | Current Regulation | Fault | - |
| **MAX1694** | USB Current-Limited Switches with Fault Blanking | PRODUCTION | 700 | 1 | 1000 | - | Yes | Yes | 18 | Preset | 0.7 | 0.06 | 5.5 | 2.7 | L | Latch-Off | Fault | - |
| **MAX893L** | 1.2A, Current-Limited, High-Side P-Channel Switch with Thermal Shutdown | PRODUCTION | 200 | 1 | 1200 | - | Yes | Yes | 15 | Resistor | 0.2 | .07 | 5.5 | 2.7 | L | Current Regulation | Fault | - |

| | Description | Product Lifecycle | Current min Limit | # Power Switches | Current max Limit | # Data Switches | USB | Fault Indicator | Current Limit Accuracy | Current Limit Set By | Lowest Adj. Setting | RON typ | VSUPPLY max | VSUPPLY min | Enable | Over-Current Response | Indicator Output(s) | Reverse Current Response |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **MAX869L** | 2A, Current-Limited, High-Side P-Channel Switch with Thermal Shutdown | PRODUCTION | 2000 | 1 | 2000 | - | Yes | Yes | 15 | Resistor | 0.4 | 3.7999999999999999E-2 | 5.5 | 2.7 | L | Current Regulation | Fault | - |

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