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Analog Switches Multiplexers

Parts	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG5208F	Fault Protection, ~0.4 pC QINJ, 8:1/Dual 4:1 Multiplexers	RECOMMENDED FOR NEW DESIGNS	1	Mux	8:1	250	9	-400f	300p	190M	8	44	10	44	Fault Protection, ~0.4 pC QINJ, 8:1 Multiplexer
ADGS2414D	0.56 Ω On Resistance High Density Octal SPST Switch	RECOMMENDED FOR NEW DESIGNS	8	Switch	SPST x 8	0.56	0.035	-1.8n	1.3n	171M	20	5	9	33	-
ADG1534	4.5 Ω RON, 1.8 V Logic-Compatible Quad SPDT Switch	RECOMMENDED FOR NEW DESIGNS	4	Switch	2:1 SPDT	4.5	2	-12.5p	20p	77M	-	-	5	13	4.5 Ω RON, 1.8 V Logic-Compatible Quad SPDT Switch
ADG1408L	4 Ω RON, 8-Channel iCMOS Multiplexers with 1.2 V and 1.8 V JEDEC Logic Compliance	RECOMMENDED FOR NEW DESIGNS	1	Mux	8:1	4	0.92	-50p	100p	60M	5	16.5	4.5	16.5	4 Ω On-Resistance, 8-Channel iCMOS Multiplexers with 1.2 V and 1.8 V JEDEC Logic Compliance
ADG1206L	Low Capacitance, 16-Channel iCMOS Multiplexer with 1.2 V and 1.8 V JEDEC Logic Compliance	RECOMMENDED FOR NEW DESIGNS	1	Mux	16:1	120	83	600f	80p	280M	5	16.5	10	33	-
ADG1207L	Low Capacitance, 8-Channel iCMOS Multiplexer with 1.2 V and 1.8 V JEDEC Logic Compliance	RECOMMENDED FOR NEW DESIGNS	2	Mux	8:1	120	83	600f	80p	490M	5	16.5	10	33	-
ADG2412	0.5 Ω RON, ± 15 V, +12 V, ± 5 V, +5 V/-12 V, Quad SPST Switch	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	0.5	0.035	-1.8n	100p	171M	5	16.5	9	33	0.5 Ω RON, ± 15 V, +12 V, ± 5 V, +5 V/-12 V, Quad SPST Switch
ADG6412	0.5 Ω RON, ± 20 V, +36 V, Quad SPST Switch	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	0.5	0.035	-2.2n	100p	184M	5	40	9	44	0.5 Ω RON, ± 20 V, +36 V, Quad SPST Switch
ADG1412L	1.5 Ω RON, Quad SPST Switch with 1.2 V and 1.8 V JEDEC Logic Compliance	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	1.5	0.21	-20p	2n	170M	5	16.5	9	33	1.5 Ω On Resistance, ± 15 V/+12 V/ ± 5 V, iCMOS®, Quad SPST Switch

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX14774	Quad SPST/Dual SPDT Beyond-The-Rails Analog Switches	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	1.15	0.012	780p	100n	147M	3	5.5	-	-	Quad SPST Beyond-The-Rails Analog Switches
MAX14779	Quad SPST/Dual SPDT Beyond-The-Rails Analog Switches	RECOMMENDED FOR NEW DESIGNS	2	Switch	2:1 SPDT	1.15	0.012	850p	200n	78M	3	5.5	-	-	Dual SPDT Beyond-The-Rails Analog Switches
ADG1634L	4.7 Ω RON, Quad SPDT Switch with 1.2 V and 1.8 V JEDEC Logic Compliance	RECOMMENDED FOR NEW DESIGNS	4	Switch	2:1 SPDT	5	2	-12.4p	150p	77M	3	12	7	16	4.7 Ω RON, Quad SPDT Switch with 1.2 V and 1.8 V JEDEC Logic Compliance
ADG1519	3.8 Ω On-Resistance, SPDT Switch	RECOMMENDED FOR NEW DESIGNS	1	Switch	2:1 SPDT	3.8	2	12p	100p	95M	-	-	5	13	3.8 Ω On-Resistance, SPDT Switch
ADG7421F	Low Voltage Fault Protection and Detection, 12 Ω RON, Dual SPST Switch	RECOMMENDED FOR NEW DESIGNS	2	Switch	1:1 SPST	12	-	-45p	50p	580M	1.8	5	3.6	5	Low Voltage Fault Protection and Detection, 12 Ω RON, Dual SPST Switch
DG1208	Low-Leakage, Single 8-Channel and Dual 4-Channel, Analog Multiplexer	RECOMMENDED FOR NEW DESIGNS	1	Mux	8:1	100	17	500f	1n	200M	10	20	10	40	Low-Leakage, Single 8-Channel and Dual 4-Channel, Analog Multiplexer
DG1209	Low-Leakage, Single 8-Channel and Dual 4-Channel, Analog Multiplexer	RECOMMENDED FOR NEW DESIGNS	2	Mux	4:1	100	17	500f	1n	250M	10	20	10	40	Low-Leakage, Single 8-Channel and Dual 4-Channel, Analog Multiplexer
ADG5421F	± 60 V Fault Protection and Detection, 11 Ω RON, Dual SPST Switch	RECOMMENDED FOR NEW DESIGNS	2	Switch	1:1 SPST	11	-	-135p	50p	630M	8	44	10	44	± 60 V Fault Protection and Detection, 11 Ω RON, Dual SPST Switch
DG1206	Low-Leakage, Single 16-Channel and Dual 8-Channel, Analog Multiplexer	RECOMMENDED FOR NEW DESIGNS	1	Mux	16:1	100	17	500f	2n	150M	10	20	10	40	Low-Leakage, Single 16-Channel and Dual 8-Channel, Analog Multiplexer
DG1207	Low-Leakage, Single 16-Channel and Dual 8-Channel, Analog Multiplexer	PRODUCTION	1	Mux	8:1	100	17	500f	1n	200M	10	20	10	40	Low-Leakage, Single 16-Channel and Dual 8-Channel, Analog Multiplexer

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG5401F	Fault Protection, 6 Ω RON, SPST Switch with 0.6 k Ω Feedback Channel	RECOMMENDED FOR NEW DESIGNS	1	Switch	1:1 SPST	6	0.05	-230p	100p	460M	8	44	10	44	Fault Protection, 6 Ω RON, SPST Switch with 0.6 k Ω Feedback Channel
ADGS1414D	SPI, 1.5 Ω RON, ± 15 V/ ± 5 V/+12 V, High Density Octal SPST Switch	RECOMMENDED FOR NEW DESIGNS	8	Switch	1:1 SPST	1.5	-	-20p	150p	170M	5	20	10	33	SPI, 1.5 Ω RON, ± 15 V/ ± 5 V/+12 V, High Density Octal SPST Switch
MAX14813	Ultra Compact Octal 3L / Quad 5L Pulser with T/R Switches and Beamforming Capability	RECOMMENDED FOR NEW DESIGNS	4	Pulser	-	-	-	-	-	25M	-	-	-	-	Quad Three Level HV 2A Digital Pulser with T/R Switch
MAX14815	Octal 5-Level Pulser with T/R Switch and Embedded Beamforming	PRODUCTION	8	Pulser	-	-	-	-	-	20M	-105	105	-	100	Octal 5 Levels Pulser with T/R Switch and Embedded Beamforming
MAX20336	Ultra-Small, Low-RON, Beyond-the-Rails DPST Analog Switches	PRODUCTION	2	Switch	1:1 DPST	0.19	0.0001	-	50n	270M	1.6	5.5	-	-	Ultra-Small, Low-Ron, Beyond-the-Rails, DPST Analog Switches
MAX20337	Ultra-Small, Low-RON, Beyond-the-Rails DPST/SPDT Analog Switches	RECOMMENDED FOR NEW DESIGNS	1	Switch	2:1 SPDT	0.19	0.0001	-	100n	220M	1.6	5.5	-	-	Ultra-Small, Low-RON, Beyond-the-Rails DPST Analog Switches
MAX20327	12V Capable, Low-RON, Beyond-the-Rails DPDT Analog Switches	RECOMMENDED FOR NEW DESIGNS	2	Switch	2:1 DPDT	0.2	0.001	-	250n	100M	1.6	5.5	-	-	12V Capable, Low-Ron, Beyond-the-Rails DPDT Analog Switch
ADGS1408	SPI Interface, 4 Ω RON, ± 15 V/+12 V/ ± 5 V, 1.8 V Logic Control, 8:1 Muxes	RECOMMENDED FOR NEW DESIGNS	1	Mux	8:1	4	0.77	-50p	100p	60M	5	16.5	10	33	SPI Interface, 4 Ω RON, ± 15 V/+12 V/ ± 5 V, 1.8 V Logic Control, 8:1 Muxes
ADGS1409	SPI Interface, 4 Ω RON, ± 15 V/+12 V/ ± 5 V, 1.8 V Logic Control, Dual 4:1 Muxes	RECOMMENDED FOR NEW DESIGNS	2	Mux	4:1	4	0.77	-50p	100p	115M	5	16.5	10	33	SPI Interface, 4 Ω RON, ± 15 V/+12 V/ ± 5 V, 1.8 V Logic Control, Dual 4:1 Muxes
MAX20086	Dual/Quad Camera Power Protectors	PRODUCTION	4	Protection Switches	1:1 SPST	0.4	-	-	-	-	3	15	-	-	Quad Channel Current Limiting Switches - NON ASIL

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX20087	Dual/Quad Camera Power Protectors	RECOMMENDED FOR NEW DESIGNS	4	Protection Switches	1:1 SPST	0.4	-	-	-	-	3	15	-	-	Quad Channel Current Limiting Switches - ASIL
MAX20088	Dual/Quad Camera Power Protectors	PRODUCTION	2	Protection Switches	1:1 SPST	0.7	-	-	-	-	3	15	-	-	Dual Channel Current Limiting Switches - NON ASIL
MAX20089	Dual/Quad Camera Power Protectors	PRODUCTION	2	Protection Switches	1:1 SPST	0.7	-	-	-	-	3	15	-	-	Dual Channel Current Limiting Switches - ASIL
ADGS1208	SPI-Interface, Low CON & QINJ, ±15V/+12V, 1.8V Logic Control, 8:1 Mux	RECOMMENDED FOR NEW DESIGNS	1	Mux	8:1	150	76	400f	20p	550M	5	16.5	10	33	SPI-Interface, Low CON & QINJ, ±15V/+12V, 1.8V Logic Control, 8:1 Mux
ADGS1209	SPI-Interface, Low CON & QINJ, ±15V/+12V, 1.8V Logic Control, Dual 4:1 Muxes	RECOMMENDED FOR NEW DESIGNS	2	Mux	4:1	150	76	400f	20p	630M	5	16.5	10	33	SPI-Interface, Low CON & QINJ, ±15V/+12V, 1.8V Logic Control, Dual 4:1 Muxes
ADGS1612	SPI Interface, 1 Ω RON, ±5 V, 12 V, 5 V, 3.3 V, Mux Configurable, Quad SPST Switch	RECOMMENDED FOR NEW DESIGNS	4	Mux	1:1 SPST	1	0.32	120p	200p	34M	3.3	16	6.6	16	SPI Interface, 1 Ω RON, ±5 V, 12 V, 5 V, 3.3 V, Mux Configurable, Quad SPST Switch
MAX14866	16-Channel, High-Voltage Analog Switch without High-Voltage Supply Requirement	PRODUCTION	16	Switch	1:1 SPST	7	-	100p	-	80M	5	200	-	-	16-Channel, High-Voltage Analog Switch without High-Voltage Supply Requirement
ADGS5414	SPI Interface, Octal SPST Switches, 13.5 Ω RON, ±20 V/+36 V, Mux	RECOMMENDED FOR NEW DESIGNS	8	Mux	1:1 SPST	13.5	2.6	125p	150p	200M	9	40	18	44	SPI Interface, Octal SPST Switches, 13.5 Ω RON, ±20 V/+36 V, Mux
ADGS1212	SPI Interface, Quad SPST Switch, Low QINJ, Low CON, ±15 V/+12 V, Mux Configurable	RECOMMENDED FOR NEW DESIGNS	4	Mux	1:1 SPST	120	72	-900f	20p	1G	5	16.5	10	33	SPI Interface, Quad SPST Switch, Low QINJ, Low CON, ±15 V/+12 V, Mux Configurable
ADGS5412	SPI Interface, 4× SPST Switches, 9.8 Ω RON, ±20 V/+36 V, Mux Configurable	RECOMMENDED FOR NEW DESIGNS	1	Mux	1:1 SPST	9.8	2	245p	100p	167M	9	40	18	44	SPI Interface, 4× SPST Switches, 9.8 Ω RON, ±20 V/+36 V, Mux Configurable

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADGS1412	SPI Interface, 1.5 Ω RON, ± 15 V/+12 V, Quad SPST Switch, Mux Configurable	RECOMMENDED FOR NEW DESIGNS	4	Mux	1:1 SPST	1.5	0.4	-20p	150p	170M	5	20	10	33	SPI Interface, 1.5 Ω RON, ± 15 V/+12 V, Quad SPST Switch, Mux Configurable
ADG5298	High Temperature (up to 210°C), High Voltage, Latch-Up Proof, 8-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	1	Mux	8:1	290	130	200f	10p	110M	9	40	18	44	High Temperature (up to 210°C), High Voltage, Latch-Up Proof, 8-Channel Multiplexer
ADG798	High Temperature (up to 210°C), Low Voltage 8-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	1	Mux	8:1	4.5	1.5	3p	10p	55M	2.7	5.5	4.5	5.5	High Temperature (up to 210°C), Low Voltage 8-Channel Multiplexer
MAX14724	Serial-Controlled 8:4 Matrix Switch Multiplexer	RECOMMENDED FOR NEW DESIGNS	4	Mux	8:4	1	0.2	15p	5n	50M	1.6	5.5	1.6	5	Serial-Controlled 8:4 Matrix Switch Multiplexer
ADG5243F	User Defined Fault Protection and Detection, 0.8 pC QINJ, Triple SPDT	RECOMMENDED FOR NEW DESIGNS	3	Switch	2:1 SPDT	250	9.5	-800f	300p	350M	8	44	10	44	User Defined Fault Protection and Detection, 0.8 pC QINJ, Triple SPDT
ADG5209F	Fault Protection, -0.4 pC QINJ, 8:1/Dual 4:1 Multiplexers	RECOMMENDED FOR NEW DESIGNS	2	Mux	4:1	250	9	-400f	300p	290M	8	44	10	44	Fault Protection, -0.4 pC QINJ, 4:1 Dual Multiplexer
ADG5248F	User Defined Fault Protection and Detection, 0.8 pC QINJ, 8:1 Multiplexer	PRODUCTION	1	Mux	8:1	250	9	-0.8p	300p	190M	8	44	10	44	User Defined Fault Protection and Detection, 0.8 pC QINJ, 8:1 Multiplexer
ADG5249F	User Defined Fault Protection and Detection, 0.8 pC QINJ, Dual 4:1 Multiplexers	RECOMMENDED FOR NEW DESIGNS	2	Mux	4:1	250	9	-0.8p	300p	320M	8	44	10	44	User Defined Fault Protection and Detection, 0.8 pC QINJ, Dual 4:1 Multiplexers
ADG5436F	Fault Protection and Detection, 10 Ω RON, Dual SPDT Switch	RECOMMENDED FOR NEW DESIGNS	2	Switch	2:1 SPDT	10	1.1	-724p	500p	169M	8	44	10	44	Fault Protection and Detection, 10 Ω RON, Dual SPDT Switch
ADG5462F	User Defined Fault Protection and Detection, 10 Ω RON, Quad Channel Protector	RECOMMENDED FOR NEW DESIGNS	4	Channel Protector	Channel Protector	10	1.1	-	300p	318M	8	44	10	44	User Defined Fault Protection and Detection, 10 Ω RON, Quad Channel Protector

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG5404F	Fault Protection and Detection, 10 Ω RON, 4-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	1	Mux	4:1	10	1.05	680p	300p	108M	8	44	10	44	Fault Protection and Detection, 10 Ω RON, 4-Channel Multiplexer
MAX4968B	16-Channel, Linear, High-Voltage Analog Switches in BGA Packages	PRODUCTION	16	Switch	1:1 SPST	18	-	150p	-	50M	-120	120	-	-	16-Channel, Linear, High-Voltage Analog Switch in BGA package
MAX4968C	16-Channel, Linear, High-Voltage Analog Switches in BGA Packages	PRODUCTION	16	Switch	1:1 SPST	18	-	150p	-	50M	10	12.5	-	-	16-Channel, Linear, High-Voltage Analog Switch in BGA packag
ADG5412BF	Bidirectional Fault Protection and Detection, 10 Ω RON, Quad SPST Switches	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	10	1.1	-680p	300p	270M	8	44	10	44	Bidirectional Fault Protection and Detection, 10 Ω RON, Quad SPST Switches
ADG5412F	Fault Protection and Detection, 10 Ω RON, Quad SPST Switches	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	10	1.1	-680p	300p	270M	8	44	10	44	Fault Protection and Detection, 10 Ω RON, Quad SPST Switches
ADG5413BF	Bidirectional Fault Protection and Detection, 10 Ω RON, Quad SPST Switches, 2 x NO, 2 x NC	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	10	1.1	-680p	300p	270M	8	44	10	44	Bidirectional Fault Protection and Detection, 10 Ω RON, Quad SPST Switches, 2 x NO, 2 x NC
ADG5413F	Fault Protection and Detection, 10 Ω RON, Quad SPST Switches, 2 x NO, 2 x NC	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	10	1.1	-680p	300p	270M	8	44	10	44	Fault Protection and Detection, 10 Ω RON, Quad SPST Switches, 2 x NO, 2 x NC
MAX14662	Beyond-the-Rails Octal SPST Switches	PRODUCTION	8	Switch	1:1 SPST	0.425	0.005	-	125n	400M	1.6	5.5	-	-	Beyond-the-Rails Octal SPST Switches
MAX14689	Ultra-Small, Low-RON, Beyond-the-Rails DPDT Analog Switches	PRODUCTION	2	Switch	2:1 DPDT	0.25	0.001	-	100n	110M	1.6	5.5	-	-	High-Density, $\pm 5V$ Capable DPDT Analog Switches
MAX14661	Beyond-the-Rails 16:2 Multiplexer	PRODUCTION	2	Mux	16:1	8	0.025	-	50n	60M	1.6	5.5	-	-	Beyond-the-Rails 16:2 Multiplexer

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG5401	High Voltage Latch-Up Proof, Single SPST Switch	RECOMMENDED FOR NEW DESIGNS	1	Switch	1:1 SPST	6.5	1.7	220p	200p	170M	9	40	18	44	High Voltage Latch-Up Proof, Single SPST Switch
ADG5419	High Voltage Latch-Up Proof, Single SPDT Switch	RECOMMENDED FOR NEW DESIGNS	1	Switch	2:1 SPDT	13.5	2.7	130p	100p	190M	9	40	18	44	High Voltage Latch-Up Proof, Single SPDT Switch
ADG5421	High Voltage Latch-Up Proof, Dual SPST Switches	RECOMMENDED FOR NEW DESIGNS	2	Switch	1:1 SPST	13.5	2.7	95p	100p	250M	9	40	18	44	High Voltage Latch-Up Proof, Dual SPST Switches
ADG5423	High Voltage Latch-Up Proof, Dual SPST Switches	RECOMMENDED FOR NEW DESIGNS	2	Switch	1:1 SPST	13.5	2.7	95p	100p	250M	9	40	18	44	High Voltage Latch-Up Proof, Dual SPST Switches
MAX14777	Quad Beyond-the-Rails -15V to +35V Analog Switch	PRODUCTION	4	Switch	1:1 SPST	4.4	0.009	225p	50n	380M	3	5.5	-	-	Quad SPST Beyond The Rails Switch
MAX14808	Octal Three-Level/Quad Five-Level High-Voltage 2A Digital Pulsers with T/R Switch	PRODUCTION	4	Pulser	-	-	-	-	-	20M	-105	105	-	100	Quad Three Level HV 2A Digital Pulser with T/R Switch
MAX14809	Octal Three-Level/Quad Five-Level High-Voltage 2A Digital Pulsers with T/R Switch	PRODUCTION	4	Pulser	-	-	-	-	-	20M	-105	105	-	100	Quad Five Level HV 2A Digital Pulser with T/R Switch
MAX14589E	High-Density, ±5V Capable DPDT Analog Switches	PRODUCTION	2	Switch	2:1 DPDT	0.2	0.01	-	400n	200M	1.6	5.5	-	-	High-Density, ±5V Capable DPDT Analog Switches
MAX14594E	High-Density, ±5V Capable DPDT Analog Switches	PRODUCTION	2	Switch	2:1 DPDT	0.2	0.01	-	400n	200M	1.6	5.5	-	-	High-Density, ±5V Capable DPDT Analog Switches with Shunts
MAX4968	16-Channel, Linear, High-Voltage Analog Switches	PRODUCTION	16	Switch	1:1 SPST	18	-	150p	-	50M	-	-	-	-	16 Channel, Linear, High-Voltage Analog Switch
MAX4968A	16-Channel, Linear, High-Voltage Analog Switches	PRODUCTION	16	Switch	1:1 SPST	18	-	150p	-	50M	-	-	-	-	16 Channel, Linear, High-Voltage Analog Switch

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG5206	High Voltage, Latch-Up Proof, 16-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	1	Mux	16:1	155	80	350f	20p	60M	9	40	18	44	High Voltage, Latch-Up Proof, 16-Channel Multiplexer
ADG5207	High Voltage, Latch-Up Proof, 8-Channel Differential Multiplexer	RECOMMENDED FOR NEW DESIGNS	2	Mux	8:1	155	80	350f	20p	140M	9	40	18	44	High Voltage, Latch-Up Proof, 8-Channel Differential Multiplexer
MAX14984	Enhanced VGA Port Protector with Monitor Detection and Dual USB Power Switches	PRODUCTION	2	Mux	2:1	8	-	-	-	1G	4.5	5.75	-	-	VGA Port Protector with Monitor Detection and Dual USB Switches
MAX4936A	Octal High-Voltage Transmit/Receive Switches	PRODUCTION	8	Diode bridge	-	5	-	-	-	65M	-120	120	-	-	Octal High-Voltage Transmit/Receive Switches
MAX4937A	Octal High-Voltage Transmit/Receive Switches	PRODUCTION	-	Diode bridge	-	-	-	-	-	-	-	-	-	-	-
MAX14759	Above- and Below-the-Rails Low On-Resistance Analog Switches	PRODUCTION	1	Switch	1:1 SPST	0.6	0.0024	1.37n	200n	100M	3	5.5	-	-	Above- and Below-the-Rails Low On-Resistance SPST Analog Switch
MAX14761	Above- and Below-the-Rails Low On-Resistance Analog Switches	PRODUCTION	2	Switch	1:1 SPST	1.2	0.0051	1.37n	100n	100M	3	5.5	-	-	Above- and Below-the-Rails Low On-Resistance Dual SPST Analog Switch
MAX14763	Above- and Below-the-Rails Low On-Resistance Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	1.2	0.0051	1.37n	250n	100M	3	5.5	-	-	Above- and Below-the-Rails Low On-Resistance SPDT Analog Switch
MAX14760	Above- and Below-the-Rails Low-Leakage Analog Switches	PRODUCTION	1	Switch	1:1 SPST	8	0.058	19p	10n	115M	3	5.5	-	-	Above- and Below-the-Rails Low-Leakage SPST Analog Switch
MAX14762	Above- and Below-the-Rails Low-Leakage Analog Switches	PRODUCTION	2	Switch	1:1 SPST	8	0.058	19p	10n	115M	3	5.5	-	-	Above- and Below-the-Rails Low-Leakage Dual SPST Analog Switch

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX14764	Above- and Below-the-Rails Low-Leakage Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	8	0.058	19p	30n	115M	3	5.5	-	-	Above- and Below-the-Rails Low-Leakage SPDT Analog Switch
ADG5208	High Voltage Latch-Up Proof, 4-/8-Channel Multiplexers	RECOMMENDED FOR NEW DESIGNS	1	Mux	8:1	160	65	200f	10p	110M	9	40	18	44	High Voltage Latch-Up Proof, 4-/8-Channel Multiplexers
ADG5209	High Voltage Latch-Up Proof, 4-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	2	Mux	4:1	160	65	200f	10p	240M	9	40	18	44	High Voltage Latch-Up Proof, 4-Channel Multiplexer
ADG5233	High Voltage Latch-Up Proof, Triple SPDT Switches	RECOMMENDED FOR NEW DESIGNS	3	Switch	2:1 SPDT	160	65	400f	80p	355M	9	40	18	44	High Voltage Latch-Up Proof, Triple SPDT Switches
ADG5234	High Voltage Latch-Up Proof, Quad SPDT Switches	RECOMMENDED FOR NEW DESIGNS	4	Switch	2:1 SPDT	160	65	400f	80p	355M	9	40	18	44	High Voltage Latch-Up Proof, Quad SPDT Switches
MAX14778	Dual ±25V Above- and Below-the-Rails 4:1 Analog Multiplexer	RECOMMENDED FOR NEW DESIGNS	2	Mux	4:1	0.84	0.003	1.72n	1μ	75M	3	5.5	-	-	Dual ±25V Above- and Below-the-Rails 4:1 Analog Multiplexer
MAX14983E	Enhanced 1:2 VGA Mux with Monitor Detection and Priority Port Logic	PRODUCTION	2	Mux	2:1	25	-	-	-	800M	5	5	-	-	Enhanced 1:2 VGA MUX with priority port logic and monitor detection
ADG5204	High Voltage, Latch-up Proof, 4-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	1	Mux	4:1	160	65	-600f	20p	136M	9	40	18	44	High Voltage, Latch-up Proof, 4-Channel Multiplexer
ADG5236	High Voltage Latch-Up Proof, Dual SPDT Switches	RECOMMENDED FOR NEW DESIGNS	2	Switch	2:1 SPDT	160	65	-600f	20p	266M	9	40	18	44	High Voltage Latch-Up Proof, Dual SPDT Switches
ADG5212	High Voltage Latch-Up Proof, Quad SPST Switches	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	160	65	0.07p	20p	435M	9	40	18	44	High Voltage Latch-Up Proof, Quad SPST Switches
ADG5213	High Voltage Latch-Up Proof, Quad SPST Switches	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	160	65	0.07p	20p	435M	9	40	18	44	High Voltage Latch-Up Proof, Quad SPST Switches
MAX14895E	Enhanced VGA Port Protector	PRODUCTION	1	Port Protector	Port Protector	55	-	-	-	-	4.75	5.5	-	-	Enhanced VGA Port Protector

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX14756	Quad SPST +70V Analog Switches	PRODUCTION	4	Switch	1:1 SPST	5	0.004	580p	5n	145M	10	70	20	35	Quad SPST +70V Analog Switches
MAX14757	Quad SPST +70V Analog Switches	PRODUCTION	4	Switch	1:1 SPST	5	0.004	580p	5n	145M	10	70	20	35	Quad SPST +70V Analog Switches
MAX14758	Quad SPST +70V Analog Switches	PRODUCTION	4	Switch	1:1 SPST	5	0.004	580p	5n	145M	10	70	20	35	Quad SPST +70V Analog Switches
ADG5434	High Voltage Latch-up Proof Quad SPDT Switches	RECOMMENDED FOR NEW DESIGNS	4	Switch	2:1 SPDT	13.5	2.6	130p	100p	145M	9	40	18	44	High Voltage Latch-up Proof Quad SPDT Switches
ADG4612	Power Off Protection ±5 V, +12V, Quad SPST Switches with 5Ω On Resistance	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	5.2	2.2	225p	10n	293M	3	12	6	11	Power Off Protection ±5 V, +12V, Quad SPST Switches with 5Ω On Resistance
ADG4613	Power Off Protection ±5 V, +12V, Quad SPST Switches with 5Ω On Resistance	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	5.2	2.2	225p	10n	293M	3	12	6	11	Power Off Protection ±5 V, +12V, Quad SPST Switches with 5Ω On Resistance
MAX4936	Octal High-Voltage Transmit/Receive Switches	RECOMMENDED FOR NEW DESIGNS	8	Diode bridge	-	5	-	-	-	65M	-120	120	-	-	Octal High-Voltage Transmit/Receive Switches
MAX4937	Octal High-Voltage Transmit/Receive Switches	PRODUCTION	-	Diode bridge	-	-	-	-	-	-	-	-	-	-	-
ADG5412	High Voltage Latch-Up Proof, Quad SPST Switches	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	9.8	2	240p	100p	167M	9	40	18	44	High Voltage Latch-Up Proof, Quad SPST Switches
ADG5413	High Voltage Latch-Up Proof, Quad SPST Switches	RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	9.8	2	240p	100p	167M	9	40	18	44	High Voltage Latch-Up Proof, Quad SPST Switches
ADG5436	High Voltage Latch-Up Proof, Dual SPDT Switches	RECOMMENDED FOR NEW DESIGNS	2	Switch	2:1 SPDT	9.8	2	200p	100p	102M	9	40	18	44	High Voltage Latch-Up Proof, Dual SPDT Switches
ADG5408	High Voltage Latch-up Proof 8-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	1	Mux	8:1	13.5	2.6	115p	100p	50M	9	40	18	44	High Voltage Latch-up Proof 8-Channel Multiplexer
ADG5409	High Voltage Latch-up Proof 4-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	2	Mux	4:1	13.5	2.6	115p	100p	87M	9	40	18	44	High Voltage Latch-up Proof 4-Channel Multiplexer

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG5433	High Voltage Latch-up Proof Triple SPDT Switches	RECOMMENDED FOR NEW DESIGNS	3	Switch	2:1 SPDT	13.5	2.6	130p	100p	145M	9	40	18	44	High Voltage Latch-up Proof Triple SPDT Switches
ADG5404	High Voltage, Latch-up Proof, 4-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	1	Mux	4:1	9.8	2	220p	100p	53M	9	40	18	44	High Voltage, Latch-up Proof, 4-Channel Multiplexer
MAX14806	16-Channel (Two Banks of 8-Channel), High-Voltage Analog Switches	PRODUCTION	16	Switch	1:1 SPST	22	-	450p	-	20M	40	200	40	200	16-Channel High Voltage Switches
MAX14979E	High-Bandwidth, ±15kV ESD Protection LVDS Switch	PRODUCTION	2	Switch	2:1 DPDT	4	0.01	-	1μ	650M	3	3.6	-	-	High bandwidth, +/- 15kV ESD Protection LVDS Switch
MAX4885AE	High-Bandwidth, VGA 2:1 Switch with ±15kV ESD Protection	PRODUCTION	1	Mux	2:1	5	1	-	-	900M	4.5	5.5	-	-	High Bandwidth, 2:1 VGA Switch with +/-15kV ESD Protection
ADG1401	1 Ω On Resistance, ±15 V/+12 V/±5 V, iCMOS SPST Switches	PRODUCTION	1	Switch	1:1 SPST	1	0.26	-12p	200p	120M	5	16.5	10	33	1 Ω On Resistance, ±15 V/+12 V/±5 V, iCMOS SPST Switches
ADG1402	1 Ω On Resistance, ±15 V/+12 V/±5 V, iCMOS SPST Switches	PRODUCTION	1	Switch	1:1 SPST	1	0.26	-12p	200p	120M	5	16.5	10	33	1 Ω On Resistance, ±15 V/+12 V/±5 V, iCMOS SPST Switches
ADG1414	9.5 Ω RON ±15 V/+12 V/±5 V iCMOS Serially-Controlled Octal SPST Switches	PRODUCTION	8	Switch	1:1 SPST	9.5	2.15	10p	100p	256M	5	16.5	10	33	9.5 Ω RON ±15 V/+12 V/±5 V iCMOS Serially-Controlled Octal SPST Switches
ADG1421	2.1 Ω Maximum On Resistance, ±15 V/+12/±5 V iCMOS Dual SPST Switches	PRODUCTION	2	Switch	1:1 SPST	2.1	0.6	-5p	200p	180M	5	16.5	10	33	2.1 Ω Maximum On Resistance, ±15 V/+12/±5 V iCMOS Dual SPST Switches
ADG1422	2.1 Ω Maximum On Resistance, ±15 V/+12/±5 V iCMOS Dual SPST Switches	PRODUCTION	2	Switch	1:1 SPST	2.1	0.6	-5p	200p	180M	5	16.5	10	33	2.1 Ω Maximum On Resistance, ±15 V/+12/±5 V iCMOS Dual SPST Switches

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG1423	2.1 Ω Maximum On Resistance, ± 15 V/ $\pm 12/\pm 5$ V iCMOS Dual SPST Switches	PRODUCTION	2	Switch	1:1 SPST	2.1	0.6	-5p	200p	180M	5	16.5	10	33	2.1 Ω Maximum On Resistance, ± 15 V/ $\pm 12/\pm 5$ V iCMOS Dual SPST Switches
ADG1438	± 15 V/ ± 12 V/ ± 5 V, Single 8 to 1 Multiplexer, Serially Controlled Matrix Switch	PRODUCTION	1	Mux	8:1	9.5	2.15	4p	100p	82M	5	16.5	10	33	± 15 V/ ± 12 V/ ± 5 V, Single 8 to 1 Multiplexer, Serially Controlled Matrix Switch
ADG1439	± 15 V/ ± 12 V/ ± 5 V, Dual 4 to 1 Multiplexer, Serially Controlled Matrix Switch	PRODUCTION	2	Mux	4:1	9.5	2.15	4p	100p	130M	5	16.5	10	33	± 15 V/ ± 12 V/ ± 5 V, Dual 4 to 1 Multiplexer, Serially Controlled Matrix Switch
ADG1606	4.5 Ω RON, 16-Channel, Differential 8-Channel, ± 5 V, ± 12 V, ± 5 V, and ± 3.3 V Multiplexers	PRODUCTION	1	Mux	16:1	4.5	1.7	27p	100p	21M	3.3	16	6.6	16	4.5 Ω RON, 16-Channel, Differential 8-Channel, ± 5 V, ± 12 V, ± 5 V, and ± 3.3 V Multiplexers
ADG1607	4.5 Ω RON, 16-Channel, Differential 8-Channel, ± 5 V, ± 12 V, ± 5 V, and ± 3.3 V Multiplexers	PRODUCTION	2	Mux	8:1	4.5	1.7	27p	100p	37M	3.3	16	6.6	16	4.5 Ω RON, 16-Channel, Differential 8-Channel, ± 5 V, ± 12 V, ± 5 V, and ± 3.3 V Multiplexers
ADG1419	2.1 Ω On Resistance, ± 15 V/ ± 12 V/ ± 5 V, iCMOS SPDT Switch	PRODUCTION	1	Switch	2:1 SPDT	2.1	0.6	-16p	200p	135M	5	16.5	10	33	2.1 Ω On Resistance, ± 15 V/ ± 12 V/ ± 5 V, iCMOS SPDT Switch
ADG1633	4.5 Ω RON, Triple SPDT ± 5 V, ± 12 V, ± 5 V, and ± 3.3 V Switch	PRODUCTION	3	Switch	2:1 SPDT	4.5	1.7	-12.5p	20p	103M	3.3	16	6.6	16	4.5 Ω RON, Triple SPDT ± 5 V, ± 12 V, ± 5 V, and ± 3.3 V Switch
ADG1634	4.5 Ω RON, Quad SPDT ± 5 V, ± 12 V, ± 5 V, and ± 3.3 V Switch	PRODUCTION	4	Switch	2:1 SPDT	4.5	1.7	-12.5p	20p	103M	3.3	16	6.6	16	4.5 Ω RON, Quad SPDT ± 5 V, ± 12 V, ± 5 V, and ± 3.3 V Switch
ADG1608	4.5 Ω RON, 8-Channel ± 5 V, ± 12 V, ± 5 V, and ± 3.3 V Multiplexer	PRODUCTION	1	Mux	8:1	4.5	1.7	24p	30p	40M	3.3	16	6.6	16	4.5 Ω RON, 8-Channel ± 5 V, ± 12 V, ± 5 V, and ± 3.3 V Multiplexer

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG1609	4.5 Ω RON, 4-Channel ± 5 V, +12 V, +5 V, and +3.3 V Multiplexer	PRODUCTION	2	Mux	4:1	4.5	1.7	24p	30p	71M	3.3	16	6.6	16	4.5 Ω RON, 4-Channel ± 5 V, +12 V, +5 V, and +3.3 V Multiplexer
MAX4940	Dual/Quad, Unipolar/Bipolar, High-Voltage Digital Pulsers	PRODUCTION	4	Pulser	-	-	-	-	-	-	2.3	6	-	-	Dual/Quad, Unipolar/Bipolar, High Voltage Digital Pulser
MAX14802	Low-Charge-Injection, 16-Channel, High-Voltage Analog Switches	PRODUCTION	16	Switch	1:1 SPST	15	-	600p	-	20M	40	200	40	160	Low-Charge-Injection, 16-Channel, High-Voltage Analog Switches in WLP
MAX14803	Low-Charge-Injection, 16-Channel, High-Voltage Analog Switches	PRODUCTION	16	Switch	1:1 SPST	15	-	600p	-	20M	40	200	40	160	Low-Charge-Injection, 16-Channel, High-Voltage Analog Switches in WLP
MAX14803A	Low-Charge-Injection, 16-Channel, High-Voltage Analog Switches	PRODUCTION	16	Switch	1:1 SPST	15	-	600p	-	20M	40	200	40	160	Low-Charge-Injection, 16-Channel, High-Voltage Analog Switches in WLP
MAX14536E	Low-Resistance DPDT Switches with Negative Rail	PRODUCTION	2	Switch	2:1 DPDT	0.135	0.0003	-	100n	100M	2.4	5.5	-	-	Low Ron DPDT Analog Switch with Negative Rail - No Shunts
ADG1604	1 Ω Typical On Resistance, ± 5 V, +12 V, +5 V, and +3.3 V, 4:1 Multiplexer	PRODUCTION	1	Mux	4:1	1	0.29	140p	200p	15M	3.3	16	6.6	16	1 Ω Typical On Resistance, ± 5 V, +12 V, +5 V, and +3.3 V, 4:1 Multiplexer
ADG1636	1 Ω Typical On Resistance, ± 5 V, +12 V, +5 V, and +3.3 V Dual SPDT Switches	PRODUCTION	2	Switch	2:1 SPDT	1	0.29	130p	300p	25M	3.3	16	6.6	16	1 Ω Typical On Resistance, ± 5 V, +12 V, +5 V, and +3.3 V Dual SPDT Switches
ADG1611	1 Ω Typical On Resistance, ± 5 V, +12 V, +5 V, and +3.3 V Quad SPST Switches	PRODUCTION	4	Switch	1:1 SPST	1	0.29	140p	200p	42M	3.3	16	6.6	16	1 Ω Typical On Resistance, ± 5 V, +12 V, +5 V, and +3.3 V Quad SPST Switches

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG1612	1 Ω Typical On Resistance, ± 5 V, +12 V, +5 V, and +3.3 V Quad SPST Switches	PRODUCTION	4	Switch	1:1 SPST	1	0.29	140p	200p	42M	3.3	16	6.6	16	1 Ω Typical On Resistance, ± 5 V, +12 V, +5 V, and +3.3 V Quad SPST Switches
ADG1613	1 Ω Typical On Resistance, ± 5 V, +12 V, +5 V, and +3.3 V Quad SPST Switches	PRODUCTION	4	Switch	1:1 SPST	1	0.29	140p	200p	42M	3.3	16	6.6	16	1 Ω Typical On Resistance, ± 5 V, +12 V, +5 V, and +3.3 V Quad SPST Switches
MAX4810	Dual, Unipolar/Bipolar, High-Voltage Digital Pulsers	PRODUCTION	-	Pulser	-	-	-	-	-	-	-	-	-	-	-
MAX4811	Dual, Unipolar/Bipolar, High-Voltage Digital Pulsers	PRODUCTION	-	Pulser	-	-	-	-	-	-	-	-	-	-	-
MAX4885E	Ultra Low-Capacitance VGA Switch with ± 15 kV ESD	PRODUCTION	1	Mux	2:1	6	0.5	-	1 μ	1G	4.5	5.5	-	-	Complete VGA 1:2 multiplexer with level shifting buffers
MAX7356	1-to-8 I ² C Bus Switches/Multiplexers with Bus Lock-up Detection, Isolation, and Notification	PRODUCTION	1	Mux	8:1	24	-	-	1 μ	-	2.3	5.5	-	-	1-to-8 I2C Bus Switches/Multiplexers with Bus Lock-Up Detection, Isolation, and Notification
MAX7357	1-to-8 I ² C Bus Switches/Multiplexers with Bus Lock-up Detection, Isolation, and Notification	PRODUCTION	1	Mux	8:1	24	-	-	1 μ	-	2.3	5.5	-	-	1-to-8 I2C Bus Switches/Multiplexers with Bus Lock-Up Detection, Isolation, and Notification
MAX7358	1-to-8 I ² C Bus Switches/Multiplexers with Bus Lock-up Detection, Isolation, and Notification	PRODUCTION	1	Mux	8:1	24	-	-	1 μ	-	2.3	5.5	-	-	1-to-8 I2C Bus Switches/Multiplexers with Bus Lock-Up Detection, Isolation, and Notification
MAX14504	Dual SPDT Negative Rail Analog Switch with $\pm VCC$ Capability	RECOMMENDED FOR NEW DESIGNS	2	Switch	2:1 SPDT	0.36	0.001	-	100n	80M	2.3	5.5	-	-	Dual SPDT Analog Switch with $\pm VCC$ Capability

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX14752	8-Channel/Dual 4-Channel 72V Analog Multiplexers	PRODUCTION	1	Mux	8:1	60	0.03	200p	20n	20M	20	72	10	36	8:1 Channel 72V Analog Multiplexer
MAX14753	8-Channel/Dual 4-Channel 72V Analog Multiplexers	PRODUCTION	2	Mux	4:1	60	0.03	200p	10n	20M	20	72	10	36	4:1 Channel 72V Analog Multiplexer
ADG852	0.8 Ω CMOS, 1.8V to 5.5V, SPDT/2:1 Mux Mini LFCSP	PRODUCTION	1	Mux	2:1 SPDT	0.8	0.23	30p	30p	100M	1.8	5.5	-	-	0.8 Ω CMOS, 1.8V to 5.5V, SPDT/2:1 Mux Mini LFCSP
ADG858	0.58 Ω CMOS, 1.8 V to 5.5 V, Quad SPDT/2:1 Mux in Mini LFCSP	PRODUCTION	4	Mux	2:1 SPDT	0.58	0.26	45p	10p	70M	1.8	5.5	-	-	0.58 Ω CMOS, 1.8 V to 5.5 V, Quad SPDT/2:1 Mux in Mini LFCSP
ADG201S	Aerospace 60 Ω , Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	-	-	-	-	-	10.8	16.5	-	44	Aerospace 60 Ω , Quad SPST Switch
MAX4992	Low RON, Dual-SPDT/Single-DPDT Analog Switches with Slow Turn-On Time	PRODUCTION	2	Switch	2:1 SPDT	0.3	0.001	-	60n	-	1.8	5.5	-	-	Low Ron, Dual-SPDT Analog Switch with Slow Turn-On Time
MAX4993	Low RON, Dual-SPDT/Single-DPDT Analog Switches with Slow Turn-On Time	PRODUCTION	1	Switch	2:1 DPDT	0.3	0.001	-	60n	-	1.8	5.5	-	-	Low Ron, Single-DPDT Analog Switch with Slow Turn-On Time
MAX4999	USB 2.0 Hi-Speed Differential 8:1 Multiplexer	PRODUCTION	2	Mux	8:1	6.5	-	-	1 μ	1.2G	3	3.6	-	-	USB 2.0 High-Speed 8:1 Multiplexer
MAX4800A	Low-Charge-Injection, 8-Channel, High-Voltage Analog Switches with 20MHz Serial Interface	PRODUCTION	8	Switch	1:1 SPST	-	-	-	-	20M	40	200	40	100	Low-Charge-Injection, 8-Channel, High-Voltage Analog Switch with 20MHz Serial Interface
MAX4802A	Low-Charge-Injection, 8-Channel, High-Voltage Analog Switches with 20MHz Serial Interface	PRODUCTION	8	Switch	1:1 SPST	26	-	600p	-	-	40	200	80	100	Low-Charge-Injection, 8-Channel, High-Voltage Analog Switch with 20MHz Serial Interface

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG1406	9.5 Ω RON, 16-Channel, Differential 8-Channel, ± 15 V/+12 V/ ± 5 V iCMOS Multiplexers	PRODUCTION	1	Mux	16:1	9.5	2.15	10p	50p	60M	5	16.5	10	33	9.5 Ω RON, 16-Channel, Differential 8-Channel, ± 15 V/+12 V/ ± 5 V iCMOS Multiplexers
ADG1407	9.5 Ω RON, 16-Channel, Differential 8-Channel, ± 15 V/+12 V/ ± 5 V iCMOS Multiplexers	PRODUCTION	2	Mux	8:1	9.5	2.15	10p	50p	110M	5	16.5	10	33	9.5 Ω RON, 16-Channel, Differential 8-Channel, ± 15 V/+12 V/ ± 5 V iCMOS Multiplexers
ADG824	0.5 Ω CMOS 1.65 V to 3.6 V Dual SPDT/2:1 Mux in Mini LFCSP Package	PRODUCTION	2	Mux	2:1 SPDT	0.5	0.2	27p	200p	90M	1.65	3.6	-	-	0.5 Ω CMOS 1.65 V to 3.6 V Dual SPDT/2:1 Mux in Mini LFCSP Package
SW201S	Aerospace Quad SPST JFET Analog Switch	PRODUCTION	4	Switch	1:1 SPST	-	-	-	-	-	-	-	-	36	-
MAX4996	Triple DPDT, Low-Capacitance Data Switches	PRODUCTION	3	Switch	2:1 DPDT	2	0.5	-	250n	670M	2.5	5.5	-	-	Triple DPDT, Low-Capacitance Data Switches
MAX4996L	Triple DPDT, Low-Capacitance Data Switches	PRODUCTION	3	Switch	2:1 DPDT	2	0.5	-	250n	670M	2.5	5.5	-	-	Triple DPDT, Low-Capacitance Data Switches
MAX4984E	High-Speed USB 2.0 Switches with ± 15 kV ESD	PRODUCTION	2	Switch	2:1 SPDT	5	0.1	-	250n	950M	2.8	5.5	-	-	High-Speed USB 2.0 Switches Provide ± 15 kV ESD Protection in a Tiny UTQFN Package
ADG1201	Low Capacitance, Low Charge Injection, ± 15 V/+12 V iCMOS SPST in SOT-23	PRODUCTION	1	Switch	1:1 SPST	120	72	-800f	40p	660M	5	16.5	10	33	Low Capacitance, Low Charge Injection, ± 15 V/+12 V iCMOS SPST in SOT-23
ADG854	0.5 Ω CMOS 1.8 V TO 5.5 V Dual SPDT/2:1 MUX Mini LFCSP Package	PRODUCTION	2	Mux	2:1 SPDT	0.8	0.23	30p	30p	100M	1.8	5.5	-	-	0.5 Ω CMOS 1.8 V TO 5.5 V Dual SPDT/2:1 MUX Mini LFCSP Package
ADG772	CMOS Low Power Dual 2:1 Mux/Demux USB 2.0 (480 Mbps)/USB 1.1 (12 Mbps)	PRODUCTION	2	Mux	2:1 SPDT	6.7	3.6	500f	200p	630M	2.7	3.6	-	-	CMOS Low Power Dual 2:1 Mux/Demux USB 2.0 (480 Mbps)/USB 1.1 (12 Mbps)

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG1404	1.8 Ω Maximum On Resistance, ± 15 V/12 V/ ± 5 V, 4:1, iCMOS Multiplexer	PRODUCTION	1	Mux	4:1	1.5	0.4	-20p	100p	55M	5	16.5	10	33	1.8 Ω Maximum On Resistance, ± 15 V/12 V/ ± 5 V, 4:1, iCMOS Multiplexer
ADG1411	1.5 Ω On Resistance, ± 15 V/+12 V/ ± 5 V, iCMOS®, Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	1.5	0.4	-20p	150p	170M	5	16.5	10	33	1.5 Ω On Resistance, ± 15 V/+12 V/ ± 5 V, iCMOS®, Quad SPST Switch
ADG1412	1.5 Ω On Resistance, ± 15 V/+12 V/ ± 5 V, iCMOS®, Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	1.5	0.4	-20p	150p	170M	5	16.5	10	33	1.5 Ω On Resistance, ± 15 V/+12 V/ ± 5 V, iCMOS®, Quad SPST Switch
ADG1413	1.5 Ω On Resistance, ± 15 V/+12 V/ ± 5 V, iCMOS®, Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	1.5	0.4	-20p	150p	170M	5	16.5	10	33	1.5 Ω On Resistance, ± 15 V/+12 V/ ± 5 V, iCMOS®, Quad SPST Switch
ADG1436	1.5 Ω On Resistance, ± 15 V/12 V/ ± 5 V, iCMOS®, Dual SPDT Switch	PRODUCTION	2	Switch	2:1 SPDT	1.5	0.4	-20p	100p	110M	5	16.5	10	33	1.5 Ω On Resistance, ± 15 V/12 V/ ± 5 V, iCMOS®, Dual SPDT Switch
MAX4927	1000 Base-T, ± 15 kV ESD Protection LAN Switch	PRODUCTION	8	Switch	2:1 DPST	4	0.01	-	1 μ	650M	3	3.6	-	-	100 Base T LAN Switch with +/-15kV ESD Protection
ADG621	CMOS ± 5 V/+5 V, 4 Ω Dual SPST Switch	PRODUCTION	2	Switch	1:1 SPST	4	1.5	110p	10p	230M	2.7	5.5	5.4	11	CMOS ± 5 V/+5 V, 4 Ω Dual SPST Switch
ADG1219	Low Capacitance, Low Charge Injection, ± 15 V/12 V iCMOS® SPDT in SOT-23	PRODUCTION	-	-	2:1 SPDT	120	76	100f	20p	520M	5	16.5	10	33	Low Capacitance, Low Charge Injection, ± 15 V/12 V iCMOS® SPDT in SOT-23
ADG1208	Low Capacitance, 8-Channel, ± 15 V/+12 V iCMOS® Multiplexer	PRODUCTION	1	Mux	8:1	120	76	400f	20p	550M	5	16.5	10	33	Low Capacitance, 8-Channel, ± 15 V/+12 V iCMOS® Multiplexer
ADG1209	Low Capacitance, 4-Channel, ± 15 V/+12 V iCMOS™ Multiplexer	PRODUCTION	2	Mux	4:1	120	76	400f	20p	550M	5	16.5	10	33	Low Capacitance, 4-Channel, ± 15 V/+12 V iCMOS™ Multiplexer
ADG601	2 Ω , CMOS, ± 5 V/+5 V SPST Switch	PRODUCTION	1	Switch	1:1 SPST	2	0.65	250p	10p	180M	2.7	5.5	5.4	11	2 Ω , CMOS, ± 5 V/+5 V SPST Switch

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG602	2 Ω , CMOS, ± 5 V/ ± 5 V SPST Switch	PRODUCTION	1	Switch	1:1 SPST	2	0.65	250p	10p	180M	2.7	5.5	5.4	11	2 Ω , CMOS, ± 5 V/ ± 5 V SPST Switch
ADG801	<0.4 Ω CMOS 1.8 V to 5.5 V SPST Switch	PRODUCTION	1	Switch	1:1 SPST	0.25	0.07	50p	10p	12M	1.8	5.5	-	-	<0.4 Ω CMOS 1.8 V to 5.5 V SPST Switch
ADG802	<0.4 Ω CMOS 1.8 V to 5.5 V SPST Switch	PRODUCTION	1	Switch	1:1 SPST	0.25	0.07	50p	10p	12M	1.8	5.5	-	-	<0.4 Ω CMOS 1.8 V to 5.5 V SPST Switch
ADG619	CMOS, ± 5 V/ ± 5 V, 4 Ω , Single SPDT Switch (Break-Before-Make Switching Action)	PRODUCTION	1	Switch	2:1 SPDT	4	1.4	110p	10p	190M	2.7	5.5	5.4	11	CMOS, ± 5 V/ ± 5 V, 4 Ω , Single SPDT Switch (Break-Before-Make Switching Action)
ADG508A	CMOS 8-Channel Analog Multiplexer	PRODUCTION	8	Mux	8:1	280	-	4p	40p	-	10.8	16.5	21.6	33	CMOS 8-Channel Analog Multiplexer
ADG904	Wideband 2.5 GHz, 37 dB Isolation at 1 GHz, CMOS 1.65 V to 2.75 V, 4:1 Mux/SP4T	PRODUCTION	1	Mux	4:1	-	-	-	-	2.5G	1.65	2.75	-	-	Wideband 2.5 GHz, 37 dB Isolation at 1 GHz, CMOS 1.65 V to 2.75 V, 4:1 Mux/SP4T
ADG1221	Low Capacitance, Low Charge Injection, ± 15 V/ ± 12 V iCMOS® Dual SPST Switch	PRODUCTION	2	Switch	1:1 SPST	120	76	0.1p	10p	960M	5	16.5	10	33	Low Capacitance, Low Charge Injection, ± 15 V/ ± 12 V iCMOS® Dual SPST Switch
ADG1222	Low Capacitance, Low Charge Injection, ± 15 V/ ± 12 V iCMOS® Dual SPST Switch	PRODUCTION	2	Switch	1:1 SPST	120	76	0.1p	10p	960M	5	16.5	10	33	Low Capacitance, Low Charge Injection, ± 15 V/ ± 12 V iCMOS® Dual SPST Switch
ADG1223	Low Capacitance, Low Charge Injection, ± 15 V/ ± 12 V iCMOS® Dual SPST Switch	PRODUCTION	2	Switch	1:1 SPST	120	76	0.1p	10p	960M	5	16.5	10	33	Low Capacitance, Low Charge Injection, ± 15 V/ ± 12 V iCMOS® Dual SPST Switch
ADG736L	CMOS Low Voltage 2.5 Ω Dual SPDT Switch	PRODUCTION	2	-	2:1 SPDT	2.5	1.2	-	10p	200M	1.8	5.5	-	-	-
ADG721	CMOS, Low Voltage, 4 Ω Dual SPST Switch in 3 mm $\times$ 2 mm LFCSP	PRODUCTION	2	Switch	1:1 SPST	2.5	1.5	2p	10p	200M	1.8	5.5	-	-	CMOS, Low Voltage, 4 Ω Dual SPST Switch in 3 mm $\times$ 2 mm LFCSP

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG722	CMOS, Low Voltage, 4 Ω Dual SPST Switch in 3 mm × 2 mm LFCSP	PRODUCTION	2	Switch	1:1 SPST	2.5	1.5	2p	10p	200M	1.8	5.5	-	-	CMOS, Low Voltage, 4 Ω Dual SPST Switch in 3 mm × 2 mm LFCSP
ADG723	CMOS, Low Voltage, 4 Ω Dual SPST Switch in 3 mm × 2 mm LFCSP	PRODUCTION	2	Switch	1:1 SPST	2.5	1.5	2p	10p	200M	1.8	5.5	-	-	CMOS, Low Voltage, 4 Ω Dual SPST Switch in 3 mm × 2 mm LFCSP
ADG609	LC2MOS, ± 5 V, 4-Channel High Performance Analog Multiplexer	PRODUCTION	2	Mux	4:1	22	-	6p	50p	-	2.7	5.5	10	10	LC2MOS, ± 5 V, 4-Channel High Performance Analog Multiplexer
ADG711	CMOS Low Voltage 2.5 Ω Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	2.5	1	3p	10p	200M	1.8	5.5	-	-	CMOS Low Voltage 2.5 Ω Quad SPST Switch
ADG712	CMOS Low Voltage 2.5 Ω Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	2.5	1	3p	10p	200M	1.8	5.5	-	-	CMOS Low Voltage 2.5 Ω Quad SPST Switch
ADG713	CMOS Low Voltage 2.5 Ω Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	2.5	1	3p	10p	200M	1.8	5.5	-	-	CMOS Low Voltage 2.5 Ω Quad SPST Switch
ADG729	CMOS, Low Voltage, 2 Wire, Serially Controlled Dual 4 to 1 Matrix Switch	PRODUCTION	2	Mux	4:1	2.5	1.2	3p	10p	100M	2.7	5.5	-	-	CMOS, Low Voltage, 2 Wire, Serially Controlled Dual 4 to 1 Matrix Switch
ADG741	CMOS Low Voltage SPST (NO) Switch in SC-70 Package	PRODUCTION	1	Switch	1:1 SPST	2	1	5p	10p	200M	1.8	5.5	-	-	CMOS Low Voltage SPST (NO) Switch in SC-70 Package
ADG749	CMOS 1.8 V to 5.5 V, 2.5 Ω 2:1 Mux/SPDT Switch in SC70 Package	PRODUCTION	1	Mux	2:1 SPDT	2.5	1.2	-	10p	200M	1.8	5.5	-	-	CMOS 1.8 V to 5.5 V, 2.5 Ω 2:1 Mux/SPDT Switch in SC70 Package
ADG779	CMOS, Low Voltage 2.5 Ω SPDT Switch / 2:1 Mux	PRODUCTION	1	Mux	2:1 SPDT	2.5	1.2	-	10p	200M	1.8	5.5	-	-	CMOS, Low Voltage 2.5 Ω SPDT Switch / 2:1 Mux
ADG783	CMOS, Low Voltage 2.5 Ω Quad SPST Switches in Chip Scale Package	PRODUCTION	4	Switch	1:1 SPST	2.5	1	3p	10p	200M	1.8	5.5	-	-	CMOS, Low Voltage 2.5 Ω Quad SPST Switches in Chip Scale Package

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG788	CMOS, 2.5 Ω Low Voltage Quad SPDT Switch	PRODUCTION	4	Switch	2:1 SPDT	2.5	1.2	3p	10p	160M	1.8	5.5	4.5	5.5	CMOS, 2.5 Ω Low Voltage Quad SPDT Switch
ADG702	CMOS Low Voltage 2 Ω SPST Switch	PRODUCTION	1	Switch	1:1 SPST	2	1	5p	10p	200M	1.8	5.5	-	-	CMOS Low Voltage 2 Ω SPST Switch
ADG742	CMOS Low Voltage SPST (NC) Switch in SC-70 Package	PRODUCTION	1	Switch	1:1 SPST	2	1	5p	10p	200M	1.8	5.5	-	-	CMOS Low Voltage SPST (NC) Switch in SC-70 Package
ADG781	CMOS, Low Voltage 2.5 Ω Quad SPST Switches in Chip Scale Package	PRODUCTION	4	Switch	1:1 SPST	2.5	1	3p	10p	200M	1.8	5.5	-	-	CMOS, Low Voltage 2.5 Ω Quad SPST Switches in Chip Scale Package
ADG782	CMOS, Low Voltage 2.5 Ω Quad SPST Switches in Chip Scale Package	PRODUCTION	4	Switch	1:1 SPST	2.5	1	3p	10p	200M	1.8	5.5	-	-	CMOS, Low Voltage 2.5 Ω Quad SPST Switches in Chip Scale Package
ADG774	2.2 Ω , Wide Bandwidth, Low Voltage Quad SPDT Switch	PRODUCTION	4	Switch	2:1 SPDT	2.2	1	10p	10p	240M	2.7	5.5	-	-	2.2 Ω , Wide Bandwidth, Low Voltage Quad SPDT Switch
ADG736	CMOS Low Voltage 2.5 Ω Dual SPDT Switch	PRODUCTION	2	Switch	2:1 SPDT	2.5	1.2	-	10p	200M	1.8	5.5	-	-	CMOS Low Voltage 2.5 Ω Dual SPDT Switch
ADG888	0.4 Ω CMOS, Dual DPDT Switch in WLCSP/LFCSP /TSSOP	PRODUCTION	2	Switch	2:1 DPDT	0.4	0.13	70p	200p	29M	1.8	5.5	-	-	0.4 Ω CMOS, Dual DPDT Switch in WLCSP/LFCSP/TSSOP
ADG811	<0.5 Ω CMOS, 1.65 V to 3.6 V, Quad SPST Switches	PRODUCTION	4	Switch	1:1 SPST	0.5	0.15	30p	200p	90M	1.65	3.6	-	-	<0.5 Ω CMOS, 1.65 V to 3.6 V, Quad SPST Switches
ADG812	<0.5 Ω CMOS, 1.65 V to 3.6 V, Quad SPST Switches	PRODUCTION	4	Switch	1:1 SPST	0.5	0.15	30p	200p	90M	1.65	3.6	-	-	<0.5 Ω CMOS, 1.65 V to 3.6 V, Quad SPST Switches
ADG836L	0.5 Ω CMOS 1.65 V to 3.6 V, Dual SPDT/2:1 MUX w/Guaranteed Leakage Performance	PRODUCTION	2	Mux	2:1 SPDT	0.5	0.15	40p	200p	57M	1.65	3.6	-	-	0.5 Ω CMOS 1.65 V to 3.6 V, Dual SPDT/2:1 MUX w/Guaranteed Leakage Performance

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG839	0.35 Ω CMOS 1.65 V to 3.6 V Single SPDT Switch/2:1 MUX	PRODUCTION	1	Mux	2:1 SPDT	0.35	0.082	70p	200p	25M	1.65	3.6	-	-	0.35 Ω CMOS 1.65 V to 3.6 V Single SPDT Switch/2:1 MUX
ADG849	3 V/5 V CMOS 0.5 Ω SPDT Switch in SC70	PRODUCTION	1	Switch	2:1 SPDT	0.5	0.22	50p	40p	38M	1.8	5.5	-	-	3 V/5 V CMOS 0.5 Ω SPDT Switch in SC70
ADG804	0.5 Ω CMOS 1.65 V TO 3.6 V 4-Channel Multiplexer	PRODUCTION	1	Mux	4:1	0.5	0.15	28p	100p	33M	1.65	3.6	-	-	0.5 Ω CMOS 1.65 V TO 3.6 V 4-Channel Multiplexer
ADG819	0.5 Ω CMOS 1.8 V to 5.5 V 2:1 Mux/SPDT Switch with BBM Switching Action	PRODUCTION	1	Mux	2:1 SPDT	0.5	0.2	20p	10p	17M	1.8	5.5	-	-	0.5 Ω CMOS 1.8 V to 5.5 V 2:1 Mux/SPDT Switch with BBM Switching Action
ADG821	<1 Ω , Low Voltage (1.8 V - 5.5 V) Dual SPST Switches - Normally Open	PRODUCTION	2	Switch	1:1 SPST	0.5	0.26	15p	10p	24M	1.8	5.5	-	-	<1 Ω , Low Voltage (1.8 V - 5.5 V) Dual SPST Switches - Normally Open
ADG822	<1 Ω CMOS, 1.8 V to 5.5 V, Dual SPST Switches	PRODUCTION	2	Switch	1:1 SPST	0.5	0.26	15p	10p	24M	1.8	5.5	-	-	<1 Ω CMOS, 1.8 V to 5.5 V, Dual SPST Switches
ADG823	<1 Ω , Low Voltage (1.8 V - 5.5 V) Dual SPST Switches	PRODUCTION	2	Switch	1:1 SPST	0.5	0.26	15p	10p	24M	1.8	5.5	-	-	<1 Ω , Low Voltage (1.8 V - 5.5 V) Dual SPST Switches
ADG701L	CMOS Low Voltage, 2 Ω SPST NC Switches	PRODUCTION	1	Switch	1:1 SPST	2	1	5p	10p	200M	1.8	5.5	-	-	CMOS Low Voltage, 2 Ω SPST NC Switches
ADG702L	CMOS Low Voltage, 2 Ω SPST NO Switches	PRODUCTION	1	Switch	1:1 SPST	2	1	5p	10p	200M	1.8	5.5	-	-	CMOS Low Voltage, 2 Ω SPST NO Switches
ADG786	CMOS, 2.5 Ω Low Voltage Triple SPDT Switch	PRODUCTION	3	Switch	2:1 SPDT	2.5	1.2	3p	10p	160M	1.8	5.5	4.5	5.5	CMOS, 2.5 Ω Low Voltage Triple SPDT Switch
ADG784	CMOS 3V/5 V, Wide Bandwidth Quad 2:1 Mux in Chip Scale	PRODUCTION	4	Mux	2:1 SPDT	2.2	1	10p	10p	240M	2.7	5.5	-	-	CMOS 3V/5 V, Wide Bandwidth Quad 2:1 Mux in Chip Scale
MAX4947	Hex SPDT Data Switch	PRODUCTION	6	Switch	2:1 DPDT	4	1	10p	6n	300M	1.8	5.5	-	-	Triple DPDT Data Switch

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4948	Hex SPDT Data Switch	PRODUCTION	6	Switch	2:1 SPDT	4	1	10p	6n	300M	1.8	5.5	-	-	Hex SPDT Data Switch for SDIO Interfaces
ADG738	CMOS, Low Voltage, 3-Wire, Serially Controlled, Matrix Switch	PRODUCTION	1	Mux	8:1	2.5	1.2	3p	10p	65M	2.7	5.5	-	-	CMOS, Low Voltage, 3-Wire, Serially Controlled, Matrix Switch
ADG739	CMOS, Low-Voltage, 3-Wire Serially-Controlled, Matrix Switch	PRODUCTION	2	Mux	4:1	2.5	1.2	3p	10p	100M	2.7	5.5	-	-	CMOS, Low-Voltage, 3-Wire Serially-Controlled, Matrix Switch
ADG751	CMOS, Low Voltage, RF/Video, SPST Switch (Single Pole, Single Throw)	PRODUCTION	1	Switch	1:1 SPST	15	-	1p	10p	-	1.8	5.5	-	-	CMOS, Low Voltage, RF/Video, SPST Switch (Single Pole, Single Throw)
ADG752	CMOS, Low Voltage, RF/ Video, SPDT Switch (Single Pole, Double Throw)	PRODUCTION	1	Switch	2:1 SPDT	15	3	-	10p	250M	1.8	5.5	-	-	CMOS, Low Voltage, RF/ Video, SPDT Switch (Single Pole, Double Throw)
ADG758	CMOS Low Voltage, 3 Ω 8-Channel Multiplexer	PRODUCTION	1	Mux	8:1	3	1.2	3p	10p	55M	1.8	5.5	4.5	5.5	CMOS Low Voltage, 3 Ω 8-Channel Multiplexer
ADG759	CMOS Low Voltage, 3 ohms 4-Channel Multiplexer	PRODUCTION	2	Mux	4:1	3	1.2	3p	10p	55M	1.8	5.5	4.5	5.5	CMOS Low Voltage, 3 ohms 4-Channel Multiplexer
ADG1433	4 Ω RON, Triple SPDT ±15 V/+12 V/±5 V iCMOS™ Switch	PRODUCTION	3	Switch	2:1 SPDT	4	0.77	-50p	50p	200M	5	16.5	10	33	4 Ω RON, Triple SPDT ±15 V/+12 V/±5 V iCMOS™ Switch
ADG1434	4 Ω RON, Quad SPDT ±15 V/+12 V/±5 V iCMOS™ Switch	PRODUCTION	4	Switch	2:1 SPDT	4	0.77	-50p	50p	200M	5	16.5	10	33	4 Ω RON, Quad SPDT ±15 V/+12 V/±5 V iCMOS™ Switch
MAX4800B	Low-Charge Injection, 8-Channel, High-Voltage Analog Switches	PRODUCTION	8	Switch	1:1 SPST	-	-	-	-	20M	40	200	40	100	Low-Charge-Injection, 8-Channel, High-Voltage Analog Switch with 20MHz Serial Interface
ADG731	32-Channel, Serially Controlled 3.5 Ω 1.8 V to 5.5 V, ±2.5 V, Analog Multiplexer	PRODUCTION	1	Mux	32:1	4	1	5p	50p	18M	1.8	5.5	4.5	5.5	32-Channel, Serially Controlled 3.5 Ω 1.8 V to 5.5 V, ±2.5 V, Analog Multiplexer

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG733	CMOS, 2.5 Ω Low Voltage, Triple SPDT Switch	PRODUCTION	3	Switch	2:1 SPDT	2.5	1.2	3p	10p	160M	1.8	5.5	4.5	5.5	CMOS, 2.5 Ω Low Voltage, Triple SPDT Switch
ADG734	CMOS, 2.5 Ω Low Voltage, Quad SPDT Switch	PRODUCTION	4	Switch	2:1 SPDT	2.5	1.2	3p	10p	160M	1.8	5.5	4.5	5.5	CMOS, 2.5 Ω Low Voltage, Quad SPDT Switch
ADG704	CMOS, Low Voltage 2.5 Ω 4-Channel Multiplexer	PRODUCTION	1	Mux	4:1	2.5	1.2	3p	10p	200M	1.8	5.5	-	-	CMOS, Low Voltage 2.5 Ω 4-Channel Multiplexer
ADG706	CMOS, 2.5 Ω Low Voltage 16 Channel Multiplexer	PRODUCTION	1	Mux	16:1	2.5	1.2	5p	10p	25M	1.8	5.5	4.5	5.5	CMOS, 2.5 Ω Low Voltage 16 Channel Multiplexer
ADG707	CMOS, 2.5 Ω Low Voltage Differential 8 Channel Multiplexer	PRODUCTION	2	Mux	8:1	2.5	1.2	5p	10p	36M	1.8	5.5	4.5	5.5	CMOS, 2.5 Ω Low Voltage Differential 8 Channel Multiplexer
ADG714	CMOS, Low Voltage, SPI/QSPI/Microwire Compatible Interface, Serially Controlled, Octal SPST Switches	PRODUCTION	8	Switch	1:1 SPST	2.5	1.2	3p	10p	155M	2.7	5.5	4.5	5.5	CMOS, Low Voltage, SPI Compatible Interface, Serially Controlled, Octal SPST Switches
ADG715	CMOS, Low Voltage, I2C Compatible Interface, Serially Controlled, Octal SPST Switches	PRODUCTION	8	Switch	1:1 SPST	2.5	1.2	3p	10p	155M	2.7	5.5	4.5	5.5	CMOS, Low Voltage, I2C Compatible Interface, Serially Controlled, Octal SPST Switches
ADG719	CMOS 1.8 V to 5.5 V, 2.5 Ω 2:1 Mux/SPDT Switch in SOT-23	PRODUCTION	1	Mux	2:1 SPDT	2.5	1.2	-	10p	200M	1.8	5.5	-	-	CMOS 1.8 V to 5.5 V, 2.5 Ω 2:1 Mux/SPDT Switch in SOT-23
ADG725	Differential 16-Channel, Serially Controlled 3.5 Ω 1.8 V to 5.5 V, ± 2.5 V, Analog Multiplexer	PRODUCTION	2	Mux	16:1	4	1	5p	50p	34M	1.8	5.5	4.5	5.5	Differential 16-Channel, Serially Controlled 3.5 Ω 1.8 V to 5.5 V, ± 2.5 V, Analog Multiplexer
ADG726	Differential 16-Channel, 4 Ω 1.8 V to 5.5 V, ± 2.5 V, Analog Multiplexer	PRODUCTION	2	Mux	16:1	4	1	5p	50p	34M	1.8	5.5	4.5	5.5	Differential 16-Channel, 4 Ω 1.8 V to 5.5 V, ± 2.5 V, Analog Multiplexer

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG728	CMOS, Low Voltage, 2 Wire, Serially Controlled Single 8 to 1 Matrix Switch	PRODUCTION	1	Mux	8:1	2.5	1.2	3p	10p	65M	2.7	5.5	-	-	CMOS, Low Voltage, 2 Wire, Serially Controlled Single 8 to 1 Matrix Switch
ADG732	32-Channel, 4 Ω 1.8 V to 5.5 V, ± 2.5 V, Analog Multiplexer	PRODUCTION	1	Mux	32:1	4	1	5p	50p	18M	1.8	5.5	4.5	5.5	32-Channel, 4 Ω 1.8 V to 5.5 V, ± 2.5 V, Analog Multiplexer
ADG611	1 pC Charge Injection, 100 pA Leakage, CMOS, ± 5 V/+5 V/+3 V, Quad SPST Switches	PRODUCTION	4	Switch	1:1 SPST	85	55	-0.5p	10p	680M	2.7	5.5	5.4	11	1 pC Charge Injection, 100 pA Leakage, CMOS, ± 5 V/+5 V/+3 V, Quad SPST Switches
ADG612	1 pC Charge Injection, 100 pA Leakage, CMOS, ± 5 V/+5 V/+3 V, Quad SPST Switches	PRODUCTION	4	Switch	1:1 SPST	85	55	-0.5p	10p	680M	2.7	5.5	5.4	11	1 pC Charge Injection, 100 pA Leakage, CMOS, ± 5 V/+5 V/+3 V, Quad SPST Switches
ADG613	1 pC Charge Injection, 100 pA Leakage, CMOS, ± 5 V/ +5 V/ +3 V, Quad SPST Switches	PRODUCTION	4	Switch	1:1 SPST	85	55	-0.5p	10p	680M	2.7	5.5	5.4	11	1 pC Charge Injection, 100 pA Leakage, CMOS, ± 5 V/ +5 V/ +3 V, Quad SPST Switches
ADG658	+3V/+5V $\pm$ 5V CMOS 8-Channel Analog Multiplexer	PRODUCTION	1	Mux	8:1	45	17	2p	5p	210M	2	12	4	12	+3V/+5V $\pm$ 5V CMOS 8-Channel Analog Multiplexer
ADG659	+3 V/+5 V/ ± 5 V CMOS 4-Channel Analog Multiplexer	PRODUCTION	2	Mux	4:1	45	17	2p	5p	400M	2	12	4	12	+3 V/+5 V/ ± 5 V CMOS 4-Channel Analog Multiplexer
ADG508F	8-Channel/4-Channel Fault Protected Analog Multiplexers	PRODUCTION	1	Mux	8:1	270	-	15p	40p	-	-	-	27	33	8-Channel/4-Channel Fault Protected Analog Multiplexers
ADG509F	8-Channel/4-Channel Fault-Protected Analog Multiplexer	PRODUCTION	2	Mux	4:1	270	-	15p	40p	-	9	40	27	33	8-Channel/4-Channel Fault-Protected Analog Multiplexer
ADG511	± 5 V, 30 Ohm, Quad SPST (4NC) Switch	PRODUCTION	4	Switch	1:1 SPST	30	-	11p	50p	-	3	5.5	10	10	± 5 V, 30 Ohm, Quad SPST (4 NC) Switch
ADG512	LC2MOS Precision 5V/3V Quad SPST Switches	PRODUCTION	4	Switch	1:1 SPST	30	-	11p	50p	-	3	5.5	10	10	LC2MOS Precision 5V/3V Quad SPST Switches

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG513	LC2MOS Precision 5V/3V Quad SPST Switches	PRODUCTION	4	Switch	1:1 SPST	30	-	11p	50p	-	3	5.5	10	10	LC2MOS Precision 5V/3V Quad SPST Switches
ADG528F	4-Channel/8-Channel Fault-Protected Analog Multiplexers	PRODUCTION	1	Mux	8:1	300	-	4p	40p	-	10.8	16.5	21.6	33	4-Channel/8-Channel Fault-Protected Analog Multiplexers
ADG604	1 pC Charge Injection, 100 pA Leakage CMOS ± 5 V/5 V/3 V 4-Channel Multiplexer	PRODUCTION	1	Mux	4:1	85	55	-1p	10p	280M	2.7	5.5	5.4	11	1 pC Charge Injection, 100 pA Leakage CMOS ± 5 V/5 V/3 V 4-Channel Multiplexer
ADG608	LC2MOS ± 5 V 8-Channel High Performance Analog Multiplexer	PRODUCTION	1	Mux	8:1	22	-	6p	50p	-	2.7	5.5	10	10	LC2MOS ± 5 V 8-Channel High Performance Analog Multiplexer
ADG633	CMOS, ± 5 V/+5 V/+3 V, Triple SPDT Switch	PRODUCTION	3	Switch	2:1 SPDT	52	13	2p	5p	580M	2	12	4	12	CMOS, ± 5 V/+5 V/+3 V, Triple SPDT Switch
ADG636	1 pC Charge Injection, 100 pA Leakage, CMOS, ± 5 V/+5 V/+3 V Dual SPDT Switch	PRODUCTION	2	Switch	2:1 SPDT	85	55	-1.2p	10p	610M	2.7	5.5	5.4	11	1 pC Charge Injection, 100 pA Leakage, CMOS, ± 5 V/+5 V/+3 V Dual SPDT Switch
ADG432	LC2MOS Precision Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	17	-	5p	100p	-	10.8	13.2	27	33	LC2MOS Precision Quad SPST Switch
ADG433	LC2MOS Precision Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	17	-	5p	100p	-	10.8	13.2	27	33	LC2MOS Precision Quad SPST Switch
ADG442	LC2MOS Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	40	-	1p	80p	-	10.8	13.2	27	33	LC2MOS Quad SPST Switch
ADG444	LC2MOS Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	40	-	1p	80p	-	10.8	13.2	27	33	LC2MOS Quad SPST Switch
ADG506A	16-Channel Multiplexer (Superior DG506A Replacement)	NOT RECOMMENDED FOR NEW DESIGNS	-	-	16:1	280	-	4p	40p	-	10.8	16.5	21.6	33	-
ADG408	LC2MOS, ± 15 V, 8 Channel High Performance Analog Multiplexer	PRODUCTION	1	Mux	8:1	40	-	20p	1n	-	10.8	13.2	27	33	LC2MOS, ± 15 V, 8 Channel High Performance Analog Multiplexer

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG409	LC2MOS ± 15 V 4 Channel High Performance Analog Multiplexer	PRODUCTION	2	Mux	4:1	40	-	20p	1n	-	10.8	13.2	27	33	LC2MOS ± 15 V 4 Channel High Performance Analog Multiplexer
ADG417	LC2MOS, ± 15 V Precision Mini-DIP SPST Switch	PRODUCTION	1	Switch	1:1 SPST	25	-	7p	100p	-	10.8	13.2	27	33	LC2MOS, ± 15 V Precision Mini-DIP SPST Switch
ADG428	LC2MOS Latchable ± 15 V 8-Channel High Performance Analog Mux	PRODUCTION	1	Mux	8:1	60	-	4p	1n	-	12	12	30	30	LC2MOS Latchable ± 15 V 8-Channel High Performance Analog Mux
ADG431	LC2MOS Precision Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	17	-	5p	100p	-	10.8	13.2	27	33	LC2MOS Precision Quad SPST Switch
ADG1408	4 Ω Ron, 8 - Channel ± 15 V /12 V / ± 5 V iCMOS Multiplexer	PRODUCTION	1	Mux	8:1	4	0.77	-50p	100p	60M	5	16.5	10	33	4 Ω Ron, 8 - Channel ± 15 V /12 V / ± 5 V iCMOS Multiplexer
ADG1409	4 Ω Ron, 4-Channel ± 15 V/+12 V/ ± 5 V iCMOS Multiplexer	PRODUCTION	2	Mux	4:1	4	0.77	-50p	100p	115M	5	16.5	10	33	4 Ω Ron, 4-Channel ± 15 V/+12 V/ ± 5 V iCMOS Multiplexer
ADG774A	Low Voltage 400 MHz Quad 2:1 MUX with 3 ns Switching Time	PRODUCTION	4	Mux	2:1 SPDT	2.2	0.6	6p	1p	400M	2.7	5.5	-	-	Low Voltage 400 MHz Quad 2:1 MUX with 3 ns Switching Time
ADG708	CMOS, Low Voltage, Single 8 to 1 Multiplexer	PRODUCTION	1	Mux	8:1	3	1.2	3p	10p	55M	1.8	5.5	4.5	5.5	CMOS, Low Voltage, Single 8 to 1 Multiplexer
ADG709	CMOS Low Voltage, 3 Ω 4-Channel Multiplexer	PRODUCTION	2	Mux	4:1	3	1.2	3p	10p	55M	1.8	5.5	4.5	5.5	CMOS Low Voltage, 3 Ω 4-Channel Multiplexer
MAX4890E	1000 Base-T, ± 15 kV ESD Protection LAN Switches	PRODUCTION	8	LAN Switch	2:1 DPST	4	0.01	-	1 μ	650M	3	3.6	-	-	8 channel bidirectional 2:1 1000 Base-T, ± 15 kV ESD Protection LAN Switches
MAX4892E	1000 Base-T, ± 15 kV ESD Protection LAN Switches	PRODUCTION	8	LAN Switch	2:1 DPST	4	0.01	-	1 μ	650M	3	3.6	-	-	8 channel bidirectional 2:1 1000 Base-T, ± 15 kV ESD Protection LAN Switches with 3 LED Switches

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4899AE	USB 2.0 High-Speed, Fault-Tolerant 3:1, 4:1 Multiplexers	PRODUCTION	2	Mux	4:1	4	0.5	25p	1μ	425M	2.7	3.6	-	-	USB 2.0 High-Speed, Fault-Tolerant, Dual 4:1 Multiplexers
MAX4899E	USB 2.0 High-Speed, Fault-Tolerant 3:1, 4:1 Multiplexers	PRODUCTION	2	Mux	3:1	4	1.1	25p	1μ	425M	2.7	3.6	-	-	USB 2.0 High-Speed, Fault-Tolerant, Dual 3:1 Multiplexers
ADG701	4 Ω, Low Voltage, Wide Bandwidth Single SPST in 6-ld SOT-23, NC	PRODUCTION	1	Switch	1:1 SPST	2	1	5p	10p	200M	1.8	5.5	-	-	4 Ω, Low Voltage, Wide Bandwidth Single SPST in 6-ld SOT-23, NC
ADG1206	Low Capacitance, 16-Channel, ±15 V/+12 V iCMOS Multiplexer	PRODUCTION	1	Mux	16:1	120	76	500f	80p	280M	5	16.5	10	33	Low Capacitance, 16-Channel, ±15 V/+12 V iCMOS Multiplexer
ADG1207	Low Capacitance, 8-Channel, ±15 V/+12 V iCMOS Multiplexer	PRODUCTION	2	Mux	8:1	120	76	500f	80p	490M	5	16.5	10	33	Low Capacitance, 8-Channel, ±15 V/+12 V iCMOS Multiplexer
ADG1204	Low Capacitance, Low Charge Injection, ±15 V/+12 V, 4:1 iCMOS Multiplexer	PRODUCTION	1	Mux	4:1	120	72	-700f	20p	800M	10.8	13.2	27	33	Low Capacitance, Low Charge Injection, ±15 V/+12 V, 4:1 iCMOS Multiplexer
ADG1211	Low Capacitance, Low Charge Injection ±15 V/+12 V iCMOS Quad SPST Switches	PRODUCTION	4	Switch	1:1 SPST	120	72	-300f	20p	1G	5	16.5	10	30	Low Capacitance, Low Charge Injection ±15 V/+12 V iCMOS Quad SPST Switches
ADG1212	Low Capacitance, Low Charge Injection, ±15 V/+12 V iCMOS Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	120	72	-300f	20p	1G	5	16.5	10	33	Low Capacitance, Low Charge Injection, ±15 V/+12 V iCMOS Quad SPST Switch
ADG1213	Low Capacitance, Low Charge Injection, ±15 V/+12 V iCMOS Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	120	72	-300f	20p	1G	5	16.5	10	33	Low Capacitance, Low Charge Injection, ±15 V/+12 V iCMOS Quad SPST Switch
ADG1233	Low Capacitance, Triple SPDT ±15 V/12 V iCMOS™ Switch	PRODUCTION	3	Switch	2:1 SPDT	120	72	500f	20p	900M	5	16.5	10	33	Low Capacitance, Triple SPDT ±15 V/12 V iCMOS™ Switch

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG1234	Low Capacitance, Quad SPDT ± 15 V/12 V iCMOS® Switch	PRODUCTION	4	Switch	2:1 SPDT	120	72	500f	20p	900M	5	16.5	10	33	Low Capacitance, Quad SPDT ± 15 V/12 V iCMOS® Switch
ADG1311	± 15 V /12 V Quad SPST NO Switch	PRODUCTION	4	Switch	1:1 SPST	130	65	2p	10n	600M	10.8	13.2	27	33	± 15 V /12 V Quad SPST NO Switch
ADG1312	± 15 V /12 V Quad SPST NC Switch	PRODUCTION	4	Switch	1:1 SPST	130	65	2p	10n	600M	10.8	13.2	27	33	± 15 V /12 V Quad SPST NC Switch
ADG1313	± 15 V /12 V Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	130	65	2p	10n	600M	10.8	13.2	27	33	± 15 V /12 V Quad SPST Switch
ADG201A	60 Ohm, Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	60	-	20p	500p	-	10.8	16.5	30	44	60 Ohm, Quad SPST Switch
AD7511	DI CMOS Protected Analog Switches	NOT RECOMMENDED FOR NEW DESIGNS	4	Switch	1:1 SPST	75	-	30p	10n	-	-	-	30	30	-
ADG1308	8-Channel ± 15 V/+12 V Multiplexer	PRODUCTION	1	Mux	8:1	130	70	2p	1n	500M	5	16.5	10	33	8-Channel ± 15 V/+12 V Multiplexer
ADG1309	4-Channel ± 15 V/+12 V Multiplexer	PRODUCTION	2	Mux	4:1	130	70	2p	1n	500M	5	16.5	10	33	4-Channel ± 15 V/+12 V Multiplexer
MAX4885	Complete VGA 1:2 or 2:1 Multiplexer	PRODUCTION	7	Mux	2:1	5	0.75	10p	1 μ	350M	4.5	5.5	-	-	Complete VGA 1:2 or 2:1 multiplexer with level shifting buffers
MAX4744	Low-Voltage, Dual SPDT, Audio Clickless Switches with Negative Rail Capability	PRODUCTION	2	Switch	2:1 SPDT	0.6	0.55	450p	15n	-	1.8	5.5	-	-	Dual SPDT Audio Clickless Switches with Negative Rail Capability
MAX4744H	Low-Voltage, Dual SPDT, Audio Clickless Switches with Negative Rail Capability	PRODUCTION	2	Switch	2:1 SPDT	0.6	0.55	450p	15n	-	1.8	5.5	-	-	Dual SPDT Audio Clickless Switches with Negative Rail Capability
MAX4745	Low-Voltage, Dual SPDT, Audio Clickless Switches with Negative Rail Capability	PRODUCTION	2	Switch	2:1 SPDT	0.6	0.55	450p	15n	-	1.8	5.5	-	-	Dual SPDT Audio Clickless Switches with Negative Rail Capability

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron max Flatness	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4745H	Low-Voltage, Dual SPDT, Audio Clickless Switches with Negative Rail Capability	PRODUCTION	2	Switch	2:1 SPDT	0.6	0.55	450p	15n	-	1.8	5.5	-	-	Dual SPDT Audio Clickless Switches with Negative Rail Capability
MAX4740	Quad SPDT Audio Switches	PRODUCTION	4	Switch	2:1 SPDT	0.61	0.72	200p	100n	-	1.6	5.5	-	-	Quad SPDT Audio Switch
MAX4740H	Quad SPDT Audio Switches	PRODUCTION	4	Switch	2:1 SPDT	0.61	0.72	200p	100n	-	1.6	5.5	-	-	Quad SPDT Audio Switch with High Z output option
MAX4910	Quad-SPDT Clickless Audio Switches with Negative Signal Handling	PRODUCTION	4	Switch	2:1 SPDT	0.37	0.35	300p	10n	-	1.8	5.5	-	-	Quad SPDT Audio Clickless Switches with Negative Rail Capability
ADG836	0.5 Ω CMOS, 1.65 V TO 3.6 V, Dual SPDT/2:1 MUX	PRODUCTION	2	Mux	2:1 SPDT	0.5	0.15	40p	200p	57M	1.65	3.6	-	-	0.5 Ω CMOS, 1.65 V TO 3.6 V, Dual SPDT/2:1 MUX
MAX4908	Dual 3:1 Clickless Audio Multiplexers with Negative-Signal Handling	PRODUCTION	2	Mux	3:1	0.38	0.35	300p	100n	-	1.8	5.5	-	-	Dual 3:1 Audio Clickless Switches with Negative Rail - 3 input shunt
MAX4932	Dual 3:1 Clickless Audio Multiplexers with Negative-Signal Handling	PRODUCTION	2	Switch	3:1	0.38	0.35	300p	100n	-	1.8	5.5	-	-	Dual 3:1 Audio Clickless Switches with Negative Rail - No Shunts
ADG1334	Quad SPDT ± 15 V/+12 V Switch	PRODUCTION	4	Switch	2:1 SPDT	130	65	2p	10n	700M	10.8	13.2	27	33	Quad SPDT ± 15 V/+12 V Switch
ADG918	Wideband, 43 dB Isolation at 1 GHz, CMOS 1.65 V to 2.75 V, 2:1 Mux/SPDT Switches	PRODUCTION	1	Mux	2:1 SPDT	-	-	-	-	4G	1.65	2.75	-	-	Wideband, 43 dB Isolation at 1 GHz, CMOS 1.65 V to 2.75 V, 2:1 Mux/SPDT Switches
ADG919	Wideband, 43 dB Isolation at 1 GHz, CMOS 1.65 V to 2.75 V, 2:1 Mux/SPDT Switches	PRODUCTION	1	Mux	2:1 SPDT	-	-	-	-	4G	1.65	2.75	-	-	Wideband, 43 dB Isolation at 1 GHz, CMOS 1.65 V to 2.75 V, 2:1 Mux/SPDT Switches

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG936	Wideband 4 GHz z, 36 dB Isolation at 1 GHz, CMOS 1.65 V to 2.75 V, Dual SPDT	PRODUCTION	2	-	2:1 SPDT	-	-	-	-	4G	1.65	2.75	-	-	Wideband 4 GHz z, 36 dB Isolation at 1 GHz, CMOS 1.65 V to 2.75 V, Dual SPDT
ADG1236	Low Capacitance, Low Charge Injection, ±15 V/12 V iCMOS, Dual SPDT Switch	PRODUCTION	2	Switch	2:1 SPDT	120	72	-1p	20p	1G	10.8	13.2	27	33	Low Capacitance, Low Charge Injection, ±15 V/12 V iCMOS, Dual SPDT Switch
ADG902	0 Hz to 4.5 GHz, 40 dB Off Isolation at 1 GHz, 17 dBm P1dB at 1 GHz SPST Switches	PRODUCTION	1	Switch	1:1 SPST	-	-	-	-	4.5G	1.65	2.75	-	-	0 Hz to 4.5 GHz, 40 dB Off Isolation at 1 GHz, 17 dBm P1dB at 1 GHz SPST Switches
ADG901	0 Hz to 4.5 GHz, 40 dB Off Isolation at 1 GHz, 17 dBm P1dB at 1 GHz SPST Switches	PRODUCTION	1	Switch	1:1 SPST	-	-	-	-	4.5G	1.65	2.75	-	-	0 Hz to 4.5 GHz, 40 dB Off Isolation at 1 GHz, 17 dBm P1dB at 1 GHz SPST Switches
ADG794	Low Voltage, 300 MHz Quad 2:1 Mux Analog HDTV Audio/Video Switch	PRODUCTION	4	Mux	2:1 SPDT	5	1.35	7.5p	1p	300M	3	5.5	-	-	Low Voltage, 300 MHz Quad 2:1 Mux Analog HDTV Audio/Video Switch
ADG841	0.28 Ω CMOS 1.65 V to 3.6 V Single SPST Switches in SC70 Closed for a Logic 1 Input	PRODUCTION	1	Switch	1:1 SPST	0.28	0.044	200p	200p	21M	1.65	3.6	-	-	0.28 Ω CMOS 1.65 V to 3.6 V Single SPST Switches in SC70 Closed for a Logic 1 Input
ADG842	0.28 Ω CMOS 1.65 V to 3.6 V Single SPST Switches in SC70 Open for a Logic 1 Input	PRODUCTION	1	Switch	1:1 SPST	0.28	0.044	200p	200p	21M	1.65	3.6	-	-	0.28 Ω CMOS 1.65 V to 3.6 V Single SPST Switches in SC70 Open for a Logic 1 Input
ADG419	LC2MOS Precision Mini-DIP Analog Switch	PRODUCTION	1	Mux	2:1	25	-	-	400p	-	10.8	13.2	27	33	LC2MOS Precision Mini-DIP Analog Switch
MAX4901	Low-RON, Dual-SPST/Single-SPDT Clickless Switches with Negative Rail Capability	PRODUCTION	2	Switch	1:1 SPST	0.6	0.25	125p	1μ	27M	1.8	5.5	-	-	Low-Ron, Dual-SPST Switch with Negative Rail Capability

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4903	Low-RON, Dual-SPST/Single-SPDT Clickless Switches with Negative Rail Capability	PRODUCTION	1	Switch	2:1 SPDT	0.6	0.25	125p	1μ	27M	1.8	5.5	-	-	Low-Ron, Single-SPDT Switch with Negative Rail Capability
MAX4904	Low-RON, Dual-SPST/Single-SPDT Clickless Switches with Negative Rail Capability	PRODUCTION	1	Switch	2:1 SPDT	0.6	0.25	125p	1μ	27M	1.8	5.5	-	-	Low-Ron, Single-SPDT Clickless Switch with Negative Rail Capability
ADG407	LC2MOS ± 15 V, 8 Channel, High Performance Analog Multiplexer	PRODUCTION	2	Mux	8:1	50	-	8p	1n	-	10.8	13.2	27	33	LC2MOS ± 15 V, 8 Channel, High Performance Analog Multiplexer
ADG426	LC2MOS, ±15 V ,16 Channel High Performance Analog Multiplexer	PRODUCTION	1	Mux	16:1	50	-	8p	1n	-	10.8	13.2	27	33	LC2MOS, ±15 V ,16 Channel High Performance Analog Multiplexer
ADG406	LC2MOS ± 15V 16 Channel High Performance Analog Multiplexer	PRODUCTION	1	Mux	16:1	50	-	8p	1n	-	10.8	13.2	27	33	LC2MOS ± 15V 16 Channel High Performance Analog Multiplexer
ADG787	2.5 Ω CMOS Low Power Dual 2:1 Mux/Demux USB 1.1 Switch	PRODUCTION	2	Mux	2:1 SPDT	2.5	0.95	14p	50n	145M	1.8	5.5	-	-	2.5 Ω CMOS Low Power Dual 2:1 Mux/Demux USB 1.1 Switch
ADG452	LC2MOS 5Ω RON SPST Switch	PRODUCTION	4	Switch	1:1 SPST	4	0.5	20p	40p	-	12	13.2	10	33	LC2MOS 5Ω RON SPST Switch
ADG453	LC2MOS 5Ω RON SPST Switches	PRODUCTION	4	Switch	1:1 SPST	4	0.5	20p	40p	-	12	13.2	10	33	LC2MOS 5Ω RON SPST Switches
ADG451	LC2MOS 5 Ω RON SPST Switch	PRODUCTION	4	Switch	1:1 SPST	4	0.5	20p	40p	-	12	13.2	10	33	LC2MOS 5 Ω RON SPST Switch
ADG333A	Quad SPDT Switch	PRODUCTION	4	Switch	2:1 SPDT	20	-	2p	100p	-	3	30	6	40	Quad SPDT Switch
ADG436	LC2MOS ±15 V Dual SPDT Switch	PRODUCTION	2	Switch	2:1 SPDT	12	-	10p	50p	-	3	30	6	40	LC2MOS ±15 V Dual SPDT Switch

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
ADG438F	High Performance, 8-Channel, Fault-Protected Analog Multiplexer	PRODUCTION	1	Mux	8:1	270	10	15p	500p	-	-	-	27	33	High Performance, 8-Channel, Fault-Protected Analog Multiplexer
ADG439F	High Performance, 4-Channel, Fault-Protected Analog Multiplexer	PRODUCTION	2	Mux	4:1	270	10	15p	500p	-	-	-	27	33	High Performance, 4-Channel, Fault-Protected Analog Multiplexer
MAX364	Precision, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	50	9	10p	80p	-	10	30	4.5	20	Precision, Quad, SPST Analog Switch (4 NC)
MAX365	Precision, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	50	9	10p	80p	-	10	30	4.5	20	Precision, Quad, SPST Analog Switch (4 NO)
MAX4890	10/100/1000 Base-T Ethernet LAN Switch	PRODUCTION	4	LAN Switch	2:1	4	0.01	-	1μ	1G	3	3.6	-	-	10/100/1000 Base-T Ethernet LAN Switch
MAX4891	10/100/1000 Base-T Ethernet LAN Switch	PRODUCTION	4	LAN Switch	2:1	4	0.01	-	1μ	1G	3	3.6	-	-	10/100/1000 Base-T Ethernet LAN Switch
MAX4892	10/100/1000 Base-T Ethernet LAN Switch	PRODUCTION	7	LAN Switch	2:1	4	0.01	-	1μ	1G	3	3.6	-	-	10/100/1000 Base-T Ethernet LAN Switch
ADG411	LC2MOS Precision Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	25	-	5p	100p	-	10.8	13.2	27	33	LC2MOS Precision Quad SPST Switch
ADG412	LC2MOS Precision Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	25	-	5p	100p	-	10.8	13.2	27	33	LC2MOS Precision Quad SPST Switch
ADG413	LC2MOS Precision Quad SPST Switch	PRODUCTION	4	Switch	1:1 SPST	25	-	5p	100p	-	10.8	13.2	27	33	LC2MOS Precision Quad SPST Switch
ADG884	0.5 Ω CMOS Dual 2:1 MUX/SPDT Audio Switch	PRODUCTION	2	Mux	2:1 SPDT	0.28	0.15	125p	200p	18M	1.8	5.5	-	-	0.5 Ω CMOS Dual 2:1 MUX/SPDT Audio Switch
MAX4852	Dual SPDT Analog Switches with Over-Rail Signal Handling	PRODUCTION	2	Switch	2:1 SPDT	3.5	1.8	8p	2n	135M	2	5.5	-	-	3.5ohm/7ohm Dual SPDT Analog Switch with Over-Rail Signal Handling
MAX4854H	Quad SPST, High-Bandwidth, Signal Line Protection Switch	PRODUCTION	4	Switch	2:1 SPDT	9	3.75	8p	-	150M	2	5.5	-	-	7ohm, Quad SPDT, High Bandwidth Signal Line Protection Switch

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4855	0.75Ω, Dual SPDT Audio Switch with Integrated Comparators	PRODUCTION	2	Switch	2:1 SPDT	0.75	0.275	170p	2n	38M	2	5.5	-	-	0.75ohm, Dual SPDT Audio Switch with Integrated Comparators
MAX4754	0.5Ω, Quad SPDT Switches in UCSP/QFN	PRODUCTION	4	Switch	2:1 DPDT	0.5	0.4	300p	3n	10M	1.8	5.5	-	-	0.5ohm Quad SPDT Analog Switch in UCSP
MAX4758	Quad DPDT Audio/Data Switches in UCSP/QFN	PRODUCTION	8	Switch	2:1 DPDT	0.5	0.45	40p	5n	50M	1.8	5.5	-	-	0.5ohm, Octal SPDT Analog Switch in UCSP
MAX4729	Low-Voltage 3.5Ω, SPDT, CMOS Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	3.5	1.5	3p	10p	300M	1.8	5.5	-	-	3.5ohm, Low-Voltage SPDT Analog Switch
MAX4730	Low-Voltage 3.5Ω, SPDT, CMOS Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	3.5	0.95	3p	10p	300M	1.8	5.5	-	-	3.5ohm, Low-Voltage SPDT Analog Switch
MAX4706	Low-Voltage, 2Ω, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	2	0.6	5p	100p	190M	1.8	5.5	-	-	2ohm, Low-Voltage SPST Analog Switch
MAX4707	Low-Voltage, 2Ω, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	2	0.6	5p	100p	190M	1.8	5.5	-	-	2ohm, Low-Voltage SPST Analog Switch
MAX4762	Low-Voltage, Dual SPDT, Audio Clickless Switches with Negative Rail Capability	PRODUCTION	2	Switch	2:1 SPDT	0.6	0.4	150p	6n	27M	1.8	5.5	-	-	Dual SPDT Analog Switch with Negative Rail Capability
MAX4764	Low-Voltage, Dual SPDT, Audio Clickless Switches with Negative Rail Capability	PRODUCTION	2	Switch	2:1 SPDT	0.6	0.4	150p	6n	27M	1.8	5.5	-	-	Dual SPDT Audio Clickless Switches with Negative Rail Capability
MAX4524L	Low-Voltage, Single-Supply Analog Multiplexers/Switches	PRODUCTION	4	Mux	4:1	45	12	800f	2n	200M	0	12	0	12	Low Voltage, Single-Supply, 4-channel Multiplexer/Demultiplexer
MAX4525L	Low-Voltage, Single-Supply Analog Multiplexers/Switches	PRODUCTION	2	Switch	2:1 SPDT	45	12	800f	2n	200M	0	12	0	12	Low Voltage, Single-Supply, DPDT Switch

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4581L	Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	1	Mux	8:1	50	12	500f	2n	-	2	12	-	-	Low-Voltage, 8-Channel, CMOS Analog Multiplexer
MAX4582L	Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	2	Mux	4:1	50	12	500f	2n	-	2	12	-	-	Low-Voltage, Dual 4-Channel, CMOS Analog Multiplexer
MAX4583L	Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	3	Switch	2:1 SPDT	50	12	500f	2n	-	2	12	-	-	Low-Voltage, Triple, SPDT CMOS Analog Switch
MAX312F	Quad, Rail-to-Rail, Fault-Protected, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	8	1	70p	2n	-	9	36	4.5	20	10 Ohm, Quad, SPST, CMOS Analog Switch (4 NC)
MAX313F	Quad, Rail-to-Rail, Fault-Protected, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	8	1	70p	2n	-	9	36	4.5	20	10 Ohm, Quad, SPST, CMOS Analog Switch (4 NO)
MAX314F	Quad, Rail-to-Rail, Fault-Protected, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	8	1	70p	2n	-	9	36	4.5	20	10 Ohm, Quad, SPST, CMOS Analog Switch (2 NO, 2 NC)
MAX4719	20Ω, 300MHz Bandwidth, Dual SPDT Analog Switch in UCSP	PRODUCTION	2	Switch	2:1 SPDT	14	1.2	18p	10p	300M	1.8	5.5	-	-	20ohm, 300MHz Bandwidth, Dual SPDT Analog Switch in UCSP
MAX4721	4.5Ω Dual SPST Analog Switches in UCSP	PRODUCTION	2	Switch	1:1 SPST	3	1.2	5p	10p	300M	1.8	5.5	-	-	4.5ohm, 300MHz Bandwidth, Dual SPDT Analog Switch in UCSP
MAX4722	4.5Ω Dual SPST Analog Switches in UCSP	PRODUCTION	2	Switch	1:1 SPST	3	1.2	5p	10p	300M	1.8	5.5	-	-	4.5ohm, 300MHz Bandwidth, Dual SPST Analog Switch in UCSP
MAX4731	50 Ohm, Dual SPST Analog Switches in UCSP	PRODUCTION	2	Switch	1:1 SPST	19	9	7.5p	5n	300M	2	11	-	-	50ohm Dual SPST Analog Switch in UCSP
MAX4732	50 Ohm, Dual SPST Analog Switches in UCSP	PRODUCTION	2	Switch	1:1 SPST	19	9	7.5p	5n	300M	2	11	-	-	50ohm, Dual SPST Analog Switch in UCSP

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4733	50 Ohm, Dual SPST Analog Switches in UCSP	PRODUCTION	2	Switch	1:1 SPST	19	9	7.5p	5n	300M	2	11	-	-	50ohm, Dual SPST Analog Switch in UCSP
MAX4747	50Ω Low-Voltage, Quad SPST/Dual SPDT Analog Switches in WLP	PRODUCTION	4	Switch	1:1 SPST	17	9	7p	200p	250M	2	11	-	-	50ohm, Quad SPST Switches in UCSP
MAX4748	50Ω Low-Voltage, Quad SPST/Dual SPDT Analog Switches in WLP	PRODUCTION	4	Switch	1:1 SPST	17	9	7p	200p	250M	2	11	-	-	50ohm, Quad SPST Switches in UCSP
MAX4749	50Ω Low-Voltage, Quad SPST/Dual SPDT Analog Switches in WLP	PRODUCTION	4	Switch	1:1 SPST	17	9	7p	200p	250M	2	11	-	-	50ohm, Quad SPST Switches in UCSP
MAX4750	50Ω Low-Voltage, Quad SPST/Dual SPDT Analog Switches in WLP	PRODUCTION	2	Switch	2:1 SPDT	17	9	7p	200p	250M	2	11	-	-	50ohm, Dual SPDT Switches in UCSP
MAX4708	Fault-Protected, Single 8-to-1/Dual 4-to-1 Multiplexers	PRODUCTION	1	Mux	8:1	300	-	0	2n	-	9	36	4.5	20	Fault-Protected, Single 8-to-1/Dual 4-to-1 Multiplexers
MAX4709	Fault-Protected, Single 8-to-1/Dual 4-to-1 Multiplexers	PRODUCTION	2	Mux	4:1	300	-	0	1n	-	9	36	4.5	20	Fault-Protected, Single 8-to-1/Dual 4-to-1 Multiplexers
MAX4781	High-Speed, Low-Voltage, 0.7Ω CMOS Analog Switches/Multiplexers	PRODUCTION	1	Mux	8:1	0.7	0.2	-110p	2p	-	1.6	3.6	-	-	High-Speed, Low-Voltage, 0.7W CMOS Analog Switches/Multiplexers
MAX4782	High-Speed, Low-Voltage, 0.7Ω CMOS Analog Switches/Multiplexers	PRODUCTION	2	Mux	4:1	0.7	0.2	-110p	2p	-	1.6	3.6	-	-	High-Speed, Low-Voltage, 0.7W CMOS Analog Switches/Multiplexers
MAX4783	High-Speed, Low-Voltage, 0.7Ω CMOS Analog Switches/Multiplexers	PRODUCTION	3	Mux	2:1 SPDT	0.7	0.2	-110p	2p	-	1.6	3.6	-	-	High-Speed, Low-Voltage, 0.7 WCMOS Analog Switches/Multiplexers

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
DG411F	Quad, Rail-to-Rail, Fault-Protected, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	35	3	5p	25p	100M	9	36	4.5	20	Improved, Quad SPST Analog Switch (4 NC)
DG412F	Quad, Rail-to-Rail, Fault-Protected, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	35	3	5p	25p	100M	9	36	4.5	20	Improved, Quad SPST Analog Switch (4 NO)
DG413F	Quad, Rail-to-Rail, Fault-Protected, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	35	3	5p	25p	100M	9	36	4.5	20	Improved, Quad SPST Analog Switch (2 NO, 2 NC)
MAX4751	0.9Ω, Low-Voltage, Single-Supply Quad SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	0.6	0.1	8p	2p	-	1.6	3.6	-	-	0.9ohm, Low-Voltage, Quad SPST Analog Switch
MAX4752	0.9Ω, Low-Voltage, Single-Supply Quad SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	0.6	0.1	8p	2p	-	1.6	3.6	-	-	0.9ohm, Low-Voltage, Quad SPST Analog Switch
MAX4753	0.9Ω, Low-Voltage, Single-Supply Quad SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	0.6	0.1	8p	2p	-	1.6	3.6	-	-	0.9ohm, Low-Voltage, Quad SPST Analog Switch
MAX4734	0.8Ω, Low-Voltage, 4-Channel Analog Multiplexer	PRODUCTION	1	Mux	4:1	0.8	0.1	60p	2p	90M	1.6	3.6	-	-	0.8 ohm, Low-Voltage, 4-Channel Multiplexer
MAX4736	0.6 Ohm, Low-Voltage, Single-Supply, Dual SPDT Analog Switch	PRODUCTION	2	Switch	2:1 SPDT	0.6	0.1	60p	2p	130M	1.6	3.6	-	-	0.8ohm, Low-Voltage, Dual SPDT Analog Switch
MAX4780	0.7Ω , Low-Voltage, Quad 2:1 Analog Multiplexers	PRODUCTION	4	Mux	2:1 SPDT	0.7	0.2	5p	2p	123M	1.6	3.6	-	-	1 ohm, Low-Voltage, Quad 2:1 Multiplexers
MAX4784	0.7Ω , Low-Voltage, Quad 2:1 Analog Multiplexers	PRODUCTION	4	Mux	2:1 SPDT	0.7	0.2	5p	2p	123M	1.6	3.6	-	-	1 ohm, Low-Voltage, Quad 2:1 Multiplexers
MAX4704	Low-Voltage, 60Ω, 4:1 Analog Multiplexer in QFN	PRODUCTION	1	Mux	4:1	60	5	2p	10p	200M	1.8	5.5	-	-	Low-Voltage, 60ohm, 4:1 Multiplexer in QFN Package

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
DG417L	35Ω SPST/SPDT, +3V Logic-Compatible Analog Switches	PRODUCTION	1	Switch	1:1 SPST	35	4	15p	10p	100M	9	36	4.5	20	Improved, SPST, Precision, CMOS Analog Switch (NC)
DG418L	35Ω SPST/SPDT, +3V Logic-Compatible Analog Switches	PRODUCTION	1	Switch	1:1 SPST	35	4	15p	10p	100M	9	36	4.5	20	Improved, SPST, Precision, CMOS Analog Switch (NO)
DG419L	35Ω SPST/SPDT, +3V Logic-Compatible Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	35	4	15p	10p	100M	9	36	4.5	20	Improved, SPDT, Precision, CMOS Analog Switch (NC)
MAX312L	10Ω, Quad, SPST, +3V Logic-Compatible Analog Switches	PRODUCTION	4	Switch	1:1 SPST	6.5	2	20p	40p	200M	4.5	36	4.5	20	10 Ohm, Quad, SPST, CMOS Analog Switch (4 NC)
MAX313L	10Ω, Quad, SPST, +3V Logic-Compatible Analog Switches	PRODUCTION	4	Switch	1:1 SPST	6.5	2	20p	40p	200M	4.5	36	4.5	20	10 Ohm, Quad, SPST, CMOS Analog Switch (4 NO)
MAX314L	10Ω, Quad, SPST, +3V Logic-Compatible Analog Switches	PRODUCTION	4	Switch	1:1 SPST	6.5	2	20p	40p	200M	4.5	36	4.5	20	10 Ohm, Quad, SPST, CMOS Analog Switch (2 NO, 2 NC)
MAX4699	Low-Voltage, Dual DPDT/Quad SPDT Analog Switches in QFN	PRODUCTION	4	Switch	2:1 DPDT	40	12	500f	5p	250M	1.8	5.5	-	-	Low-Voltage, Dual DPDT Analog Switch in TQFN
MAX4701	Low-Voltage, Dual DPDT/Quad SPDT Analog Switches in QFN	PRODUCTION	4	Switch	2:1 DPDT	40	12	500f	5p	250M	1.8	5.5	-	-	Low-Voltage Dual DPDT Analog Switch in 3x3 QFN
MAX4702	Low-Voltage, Dual DPDT/Quad SPDT Analog Switches in QFN	PRODUCTION	4	Switch	2:1 SPDT	40	12	500f	5p	250M	1.8	5.5	-	-	Low-Voltage, Quad SPDT Analog Switch in 3x3 QFN
MAX4741	0.8Ω, Low-Voltage, Single-Supply Dual SPST Analog Switches	PRODUCTION	2	Switch	1:1 SPST	0.8	0.18	28p	200p	100M	1.6	3.6	-	-	0.8 Ohm, Low-Voltage, Dual SPST Analog Switch

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4742	0.8Ω, Low-Voltage, Single-Supply Dual SPST Analog Switches	PRODUCTION	2	Switch	1:1 SPST	0.8	0.18	28p	200p	100M	1.6	3.6	-	-	0.8 Ohm, Low-Voltage, Dual SPST Analog Switch
MAX4743	0.8Ω, Low-Voltage, Single-Supply Dual SPST Analog Switches	PRODUCTION	2	Switch	1:1 SPST	0.8	0.18	28p	200p	100M	1.6	3.6	-	-	0.8 Ohm, Low-Voltage, Dual SPST Analog Switch
MAX4688	2.5Ω, Low-Voltage, SPST/SPDT Analog Switches in UCSP Package	PRODUCTION	1	Switch	2:1 SPDT	1.5	0.5	40p	10p	200M	1.8	5.5	-	-	2.5Ω, Low-Voltage, SPST/SPDT Analog Switches in UCSP Package
MAX4659	High-Current, 25Ω, SPDT, CMOS Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	25	1.5	1.5p	20p	225M	9	40	4.5	20	High-Current, 25 Ohm, SPDT, CMOS Analog Switches
MAX4660	High-Current, 25Ω, SPDT, CMOS Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	25	1.5	1.5p	20p	225M	9	40	4.5	20	High-Current, 25 Ohm, SPDT, CMOS Analog Switches
MAX4695	Low-Voltage, 60Ω Dual SPDT Analog Switch in Thin QFN	PRODUCTION	2	Switch	2:1 SPDT	60	10	4p	10p	300M	1.8	5.5	-	-	Low-Voltage, 60 Ohm Dual SPDT Analog Switch in QFN
MAX4714	0.8-Ohm, Low-Voltage, Single-Supply SPDT Analog Switch in SC70	PRODUCTION	1	Switch	2:1 SPDT	0.8	0.18	22p	250p	30M	1.6	3.6	-	-	0.8 Ohm Low-Voltage, Single-Supply SPDT Analog Switch in SC70
MAX4715	0.4Ω, Low-Voltage, Single-Supply SPST Analog Switches in SC70	PRODUCTION	1	Switch	1:1 SPST	0.4	0.09	20p	250p	30M	1.6	3.6	-	-	0.4 Ohm Low-Voltage, Single-Supply SPST Analog Switch in SC70
MAX4716	0.4Ω, Low-Voltage, Single-Supply SPST Analog Switches in SC70	PRODUCTION	1	Switch	1:1 SPST	0.4	0.09	20p	250p	30M	1.6	3.6	-	-	0.4 Ohm Low-Voltage, Single-Supply SPST Analog Switch in SC70
MAX4655	High-Current, 10Ω, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	10	1.5	23p	2n	210M	9	40	4.5	20	High-Current, 10 Ohm, SPST, CMOS Analog Switches
MAX4656	High-Current, 10Ω, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	10	1.5	23p	2n	210M	9	40	4.5	20	High-Current, 10 Ohm, SPST, CMOS Analog Switches

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4657	High-Current, 10Ω, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	10	1.5	23p	2n	210M	9	40	4.5	20	High-Current, 10 Ohm, SPST, CMOS Analog Switches
MAX4658	High-Current, 10Ω, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	10	1.5	23p	2n	210M	9	40	4.5	20	High-Current, 10 Ohm, SPST, CMOS Analog Switches
MAX4711	Fault-Protected, Low-Voltage, Quad SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	25	4	25p	300p	340M	2.7	11	2.7	5.5	Quad Rail-to-Rail, Fault-Protected, Low-Voltage SPST Analog Switches
MAX4712	Fault-Protected, Low-Voltage, Quad SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	25	4	26p	300p	340M	2.7	11	2.7	5.5	Quad Rail-to-Rail, Fault-Protected, Low-Voltage SPST Analog Switches
MAX4713	Fault-Protected, Low-Voltage, Quad SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	25	4	27p	300p	340M	2.7	11	2.7	5.5	Quad Rail-to-Rail, Fault-Protected, Low-Voltage SPST Analog Switches
MAX4649	45 Ohm SPDT Analog Switch in SOT23-8	PRODUCTION	1	Switch	2:1 SPDT	45	7	2p	4n	300M	9	36	4.5	20	High Voltage, 45 Ohm, SPDT Analog Switch in a SOT23
MAX4647	25 Ohm SPST Analog Switches in SOT23-6	PRODUCTION	1	Switch	1:1 SPST	25	2	4p	2n	300M	9	36	4.5	20	High Voltage, 25 Ohm, SPST Analog Switch in a SOT23
MAX4648	25 Ohm SPST Analog Switches in SOT23-6	PRODUCTION	1	Switch	1:1 SPST	25	2	4p	2n	300M	9	36	4.5	20	High Voltage, 25 Ohm, SPST Analog Switch in a SOT23
MAX4684	0.5Ω/0.8Ω Low-Voltage, Dual SPDT Analog Switches in UCSP	RECOMMENDED FOR NEW DESIGNS	2	Switch	2:1 SPDT	0.5	0.35	200p	10p	30M	1.8	5.5	-	-	0.5 Ohm Low-Voltage, Dual SPDT Analog Switch in UCSP
MAX4685	0.5Ω/0.8Ω Low-Voltage, Dual SPDT Analog Switches in UCSP	PRODUCTION	2	Switch	2:1 SPDT	0.8	0.35	200p	10p	30M	1.8	5.5	-	-	0.8 Ohm Low-Voltage, Dual SPDT Analog Switch in UCSP
MAX4691	Low-Voltage 8:1 Mux/Dual 4:1 Mux/Triple SPDT/Quad SPDT in UCSP Package	PRODUCTION	1	Mux	8:1	70	6	100f	50p	30M	2.7	11	2.7	5.5	Low-Voltage 8-1 Mux in UCSP Package

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4692	Low-Voltage 8:1 Mux/Dual 4:1 Mux/Triple SPDT/Quad SPDT in UCSP Package	PRODUCTION	2	Mux	4:1	70	6	100f	50p	30M	2.7	11	2.7	5.5	Low-Voltage Dual 4-1 Mux in UCSP Package
MAX4693	Low-Voltage 8:1 Mux/Dual 4:1 Mux/Triple SPDT/Quad SPDT in UCSP Package	PRODUCTION	3	Switch	2:1 SPDT	70	6	100f	50p	30M	2.7	11	2.7	5.5	Low-Voltage Triple SPDT in UCSP Package
MAX4694	Low-Voltage 8:1 Mux/Dual 4:1 Mux/Triple SPDT/Quad SPDT in UCSP Package	PRODUCTION	4	Switch	2:1 SPDT	70	6	100f	50p	30M	2.7	11	2.7	5.5	Low-Voltage Quad SPDT in UCSP Package
MAX308	Precision, 8-Channel/Dual 4-Channel, High-Performance, CMOS Analog Multiplexers	PRODUCTION	1	Mux	8:1	60	7	10p	20p	-	5	30	5	20	Precision, 8-Channel, High-Performance, CMOS Analog Multiplexer
MAX309	Precision, 8-Channel/Dual 4-Channel, High-Performance, CMOS Analog Multiplexers	PRODUCTION	2	Mux	4:1	60	7	10p	20p	-	5	30	5	20	Precision, Dual, 4-Channel, High-Performance, CMOS Analog Multiplexer
MAX398	Precision, 8-Channel/Dual 4-Channel, Low-Voltage, CMOS Analog Multiplexers	PRODUCTION	1	Mux	8:1	60	11	5p	200p	-	3	15	3	8	Precision, 8-Channel, Low-Voltage, CMOS Analog Multiplexer
MAX399	Precision, 8-Channel/Dual 4-Channel, Low-Voltage, CMOS Analog Multiplexers	PRODUCTION	2	Mux	4:1	60	11	5p	200p	-	3	15	3	8	Precision, Dual, 4-Channel, Low-Voltage, CMOS Analog Multiplexer
MAX4564	Low-Voltage, Dual-Supply, SPDT Analog Switch with Enable	PRODUCTION	1	Switch	2:1 SPDT	40	10	3p	50p	450M	1.8	12	2	6	Low Voltage, Dual-Supply, SPDT Analog Switch with Enable
MAX4675	3Ω Single SPST Analog Switches	PRODUCTION	1	Switch	1:1 SPST	3	0.7	87p	100p	250M	2.7	5.5	2.7	5.5	3 Ohm Single SPST Analog Switch
MAX4676	3Ω Single SPST Analog Switches	PRODUCTION	1	Switch	1:1 SPST	3	0.7	87p	100p	250M	2.7	5.5	2.7	5.5	3 Ohm Single SPST Analog Switch

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4575	±15kV ESD-Protected, Low-Voltage, Dual, SPST, CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	70	4	4p	2p	300M	2	12	-	-	±15kV ESD-Protected, Low-Voltage, Dual, SPST, CMOS Analog Switches
MAX4576	±15kV ESD-Protected, Low-Voltage, Dual, SPST, CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	70	4	4p	2p	300M	2	12	-	-	±15kV ESD-Protected, Low-Voltage, Dual, SPST, CMOS Analog Switches
MAX4677	2Ω, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	1.6	0.4	85p	200p	66M	2.7	11	2.7	5.5	2 Ohm, Quad, SPST, CMOS Analog Switches (4 NC)
MAX4678	2Ω, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	1.6	0.4	85p	200p	66M	2.7	11	2.7	5.5	2 Ohm, Quad, SPST, CMOS Analog Switches (4 NO)
MAX4679	2Ω, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	1.6	0.4	85p	200p	66M	2.7	11	2.7	5.5	2 Ohm, Quad, SPST, CMOS Analog Switches (2 NO, 2 NC)
DG444	Improved, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	85	9	10p	80p	-	10	30	4.5	20	Improved, Quad SPST Analog Switch (4 NC)
DG445	Improved, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	85	9	10p	80p	-	10	30	4.5	20	Improved, Quad SPST Analog Switch (4 NO)
MAX4638	3.5Ω, Single 8:1 and Dual 4:1, Low-Voltage Analog Multiplexers	PRODUCTION	1	Mux	8:1	3.5	1	13p	10p	50M	1.8	5.5	2.5	2.5	3.5W, Single 8:1 Low-Voltage Analog Multiplexer
MAX4639	3.5Ω, Single 8:1 and Dual 4:1, Low-Voltage Analog Multiplexers	PRODUCTION	2	Mux	4:1	3.5	1	13p	10p	85M	1.8	5.5	2.5	2.5	3.5W, Dual 4:1 Low-Voltage Analog Multiplexer
MAX4620	±15kV ESD-Protected, Low-Voltage, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	70	4	5p	20p	300M	2	12	-	-	±15KV ESD-Protected, Quad, Low-Voltage, SPST Analog Switch (4 NC)

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4630	±15kV ESD-Protected, Low-Voltage, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	70	4	5p	20p	300M	2	12	-	-	±15KV ESD-Protected, Quad, Low-Voltage, SPST Analog Switch (4 NO)
MAX4644	High-Speed, Low-Voltage, 4Ω, Dual, SPDT CMOS Analog Switch	PRODUCTION	1	Switch	2:1 SPDT	4	1	5p	10p	100M	1.8	5.5	-	-	High-Speed, Low-Voltage, 4 Ohm, SPDT, CMOS Analog Switch
MAX4561	±15kV ESD-Protected, Low-Voltage, SPDT/SPST, CMOS Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	45	5	17p	500p	-	2	12	-	-	±15kV ESD-Protected, Low-Voltage, SPDT/SPST, CMOS Analog Switches
MAX4568	±15kV ESD-Protected, Low-Voltage, SPDT/SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	45	5	6p	500p	-	2	12	-	-	±15kV ESD-Protected, Low-Voltage, SPDT/SPST, CMOS Analog Switches
MAX4569	±15kV ESD-Protected, Low-Voltage, SPDT/SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	45	5	6p	500p	-	2	12	-	-	±15kV ESD-Protected, Low-Voltage, SPDT/SPST, CMOS Analog Switches
MAX391	Precision, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	20	4	5p	10p	-	3	5	5	5	Low-Voltage, 5V/±5V Quad, SPST CMOS Analog Switch (4 NC)
MAX392	Precision, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	20	4	5p	10p	-	3	5	5	5	Low-Voltage, 5V/±5V Quad, SPST CMOS Analog Switch (4 NO)
MAX393	Precision, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	20	4	5p	10p	-	3	5	5	5	Low-Voltage, 5V/±5V Quad, SPST CMOS Analog Switch (2 NO, 2 NC)
MAX4594	Low-Voltage, Single-Supply, 10Ω SPST CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	6.5	2	2p	10p	300M	2	5.5	-	-	Low-Voltage, Single-Supply, 10 Ohm SPST CMOS Analog Switch (NO)
MAX4595	Low-Voltage, Single-Supply, 10Ω SPST CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	6.5	2	2p	10p	300M	2	5.5	-	-	Low-Voltage, Single-Supply, 10 Ohm SPST CMOS Analog Switch (NC)

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4596	Low-Voltage, Single-Supply, 10Ω SPST CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	6.5	2	2p	10p	300M	2	5.5	-	-	Low-Voltage, Single-Supply, 10 Ohm SPST CMOS Analog Switch (NO)
MAX4634	Fast, Low-Voltage, 4Ω, 4-Channel CMOS Analog Multiplexer	PRODUCTION	1	Mux	4:1	2.5	1.2	2p	10p	-	1.8	5.5	-	-	Fast, Low-Voltage, 4 Ohm, 4-Channel CMOS Analog Multiplexer
MAX4635	Fast, Low-Voltage, Dual 4Ω SPDT CMOS Analog Switches	PRODUCTION	2	Switch	2:1 SPDT	2.5	1.2	2p	10p	-	1.8	5.5	-	-	4ohm, Low-Voltage, Dual SPDT CMOS Analog Switches
MAX4636	Fast, Low-Voltage, Dual 4Ω SPDT CMOS Analog Switches	PRODUCTION	2	Switch	2:1 SPDT	2.5	1.2	2p	10p	-	1.8	5.5	-	-	Fast, Low-Voltage, Dual 4 Ohm SPDT CMOS Analog Switch
MAX4641	High-Speed, Low-Voltage, 4 Ohm, Dual SPST CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	4	1	2p	10p	-	1.8	5.5	-	-	High-Speed, Low-Voltage, 4 Ohm, Dual SPST, CMOS Analog Switches (2 NO)
MAX4642	High-Speed, Low-Voltage, 4 Ohm, Dual SPST CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	4	1	2p	10p	-	1.8	5.5	-	-	High-Speed, Low-Voltage, 4 Ohm, Dual SPST, CMOS Analog Switches (2 NC)
MAX4643	High-Speed, Low-Voltage, 4 Ohm, Dual SPST CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	4	1	2p	10p	-	1.8	5.5	-	-	High-Speed, Low-Voltage, 4 Ohm, Dual SPST, CMOS Analog Switches (1 NO, 1 NC)
MAX4645	Fast, Low-Voltage, 2.5 Ohm, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	2.5	0.4	5p	10p	100M	1.8	5.5	-	-	Fast, Low-Voltage, 2.5 Ohm SPST, CMOS Analog Switches (NO)
MAX4646	Fast, Low-Voltage, 2.5 Ohm, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	2.5	0.4	5p	10p	100M	1.8	5.5	-	-	Fast, Low-Voltage, 2.5 Ohm SPST, CMOS Analog Switches (NC)
MAX4651	Low-Voltage, 4 Ohm, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	4	0.8	2p	10p	100M	1.8	5.5	-	-	Low-Voltage, 4 Ohm, Quad, SPST, CMOS Analog Switch (4 NC)

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4652	Low-Voltage, 4 Ohm, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	4	0.8	2p	10p	100M	1.8	5.5	-	-	Low-Voltage, 4 Ohm, Quad, SPST, CMOS Analog Switch (4 NO)
MAX4653	Low-Voltage, 4 Ohm, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	4	0.8	2p	10p	100M	1.8	5.5	-	-	Low-Voltage, 4 Ohm, Quad, SPST, CMOS Analog Switch (2 NO, 2 NC)
MAX4674	3V/5V, 4 Ohm, Wideband Quad 2:1 Analog Multiplexer	PRODUCTION	4	Mux	2:1 SPDT	4	0.8	10p	10p	200M	1.8	5.5	-	-	3V/5V, 5 Ohm, Wideband Quad 2:1 Analog Multiplexer
MAX4592	High-Speed, Single-Supply, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	16	2	2p	10p	-	3	16	-	-	High-Speed, Single-Supply, Quad, SPST Analog Switch (4 NO)
MAX4593	High-Speed, Single-Supply, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	16	2	2p	10p	-	3	16	-	-	High-Speed, Single-Supply, Quad, SPST Analog Switch (2 NO, 2 NC)
MAX4626	0.5Ω, Low-Voltage, Single-Supply SPST Analog Switches	PRODUCTION	1	Switch	1:1 SPST	0.35	0.1	40p	300p	-	1.8	5.5	-	-	0.5 Ohm, Low-Voltage, Single-Supply SPST Analog Switch (NO)
MAX4627	0.5Ω, Low-Voltage, Single-Supply SPST Analog Switches	PRODUCTION	1	Switch	1:1 SPST	0.35	0.1	40p	300p	-	1.8	5.5	-	-	0.5 Ohm, Low-Voltage, Single-Supply SPST Analog Switch (NC)
MAX4628	0.5Ω, Low-Voltage, Single-Supply SPST Analog Switches	PRODUCTION	1	Switch	1:1 SPST	0.35	0.1	40p	300p	-	1.8	5.5	-	-	0.5 Ohm, Low-Voltage, Single-Supply SPST Analog Switch (NO)
DG401	Improved, Dual, High-Speed Analog Switches	PRODUCTION	2	Switch	1:1 SPST	20	6	10p	40p	-	10	30	4.5	20	Improved, Dual, High-Speed SPST CMOS Analog Switch (2 NO)
DG403	Improved, Dual, High-Speed Analog Switches	PRODUCTION	2	Switch	2:1 SPDT	20	6	10p	40p	-	10	30	4.5	20	Improved, Dual, High-Speed Analog Switch
DG405	Improved, Dual, High-Speed Analog Switches	PRODUCTION	2	Switch	1:1 DPST	20	3	10p	40p	-	10	30	4.5	20	Improved, Dual, High-Speed DPST Analog Switch (2 NO)
DG406	Improved, 16-Channel/Dual 8-Channel, CMOS Analog Multiplexers	PRODUCTION	1	Mux	16:1	60	9	2p	20p	-	5	30	4.5	20	Improved, 16-Channel, High-Performance CMOS Multiplexer

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
DG407	Improved, 16-Channel/Dual 8-Channel, CMOS Analog Multiplexers	PRODUCTION	2	Mux	8:1	60	9	2p	20p	-	5	30	4.5	20	Improved, Dual, 8-Channel, High-Performance CMOS Multiplexer
IH5040	SPST, Normally Open, CMOS Analog Switch	PRODUCTION	1	Switch	1:1 SPST	80	-	20p	2n	-	-	-	4.5	18	SPST, CMOS Analog Switch (NO)
IH5041	SPST, Normally Open, CMOS Analog Switch	PRODUCTION	2	Switch	1:1 SPST	80	-	20p	2n	-	-	-	4.5	18	Dual SPST, CMOS Analog Switch (2 NO)
IH5042	SPST, Normally Open, CMOS Analog Switch	PRODUCTION	1	Switch	2:1 SPDT	80	-	20p	2n	-	-	-	4.5	18	SPDT, CMOS Analog Switch
IH5043	SPST, Normally Open, CMOS Analog Switch	PRODUCTION	2	Switch	2:1 SPDT	80	-	20p	2n	-	-	-	4.5	18	Dual SPDT, CMOS Analog Switch
MAX4534	Fault-Protected, High-Voltage, Single 4-to-1/Dual 2-to-1 Multiplexers	PRODUCTION	1	Mux	4:1	275	-	1p	100p	-	9	36	4.5	18	Fault-Protected, High-Voltage, Single 4-to-1/Dual 2-to-1 Multiplexers
MAX4535	Fault-Protected, High-Voltage, Single 4-to-1/Dual 2-to-1 Multiplexers	PRODUCTION	2	Switch	2:1	275	-	1p	100p	-	9	36	4.5	18	Fault-Protected, High-Voltage, Single 4-to-1/Dual 2-to-1 Multiplexers
MAX4599	Low-Voltage, Single-Supply, SPDT Analog Switch in SC70	PRODUCTION	1	Switch	2:1 SPDT	40	5	3p	10p	200M	2	5.5	-	-	Low-Voltage, Single-Supply, SPDT Analog Switch in SC70
MAX4624	1Ω, Low-Voltage, Single-Supply, SPDT Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	0.65	0.15	40p	300p	-	1.8	5.5	-	-	1 Ohm, Low-Voltage, Single-Supply SPDT Analog Switch
MAX4625	1Ω, Low-Voltage, Single-Supply, SPDT Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	0.65	0.15	40p	300p	-	1.8	5.5	-	-	1 Ohm, Low-Voltage, Single-Supply, Make-before-break SPDT Analog Switch
DG408	Improved, 8-Channel/Dual 4-Channel, CMOS Analog Multiplexers	PRODUCTION	1	Mux	8:1	60	9	2p	20p	-	5	30	4.5	20	Improved, 8-Channel, High-Performance CMOS Multiplexer

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
DG409	Improved, 8-Channel/Dual 4-Channel, CMOS Analog Multiplexers	PRODUCTION	2	Mux	4:1	60	9	2p	20p	-	5	30	4.5	20	Improved, Dual, 4-Channel, High-Performance CMOS Multiplexer
DG411	Improved, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	35	4	5p	100p	-	10	30	4.5	20	Improved, Quad SPST Analog Switch (4 NC)
DG412	Improved, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	35	4	5p	100p	-	10	30	4.5	20	Improved, Quad SPST Analog Switch (4 NO)
DG413	Improved, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	35	4	5p	100p	-	10	30	4.5	20	Improved, Quad SPST Analog Switch (2 NO, 2 NC)
MAX333A	Precision, Quad, SPDT, CMOS Analog Switch	PRODUCTION	4	Switch	2:1 SPDT	20	3	10p	200p	-	10	30	4.5	20	Improved, Quad, SPDT, CMOS Analog Switch
MAX4510	Rail-to-Rail, Fault-Protected, SPST Analog Switches	PRODUCTION	1	Switch	1:1 SPST	125	-	1.5p	10p	-	9	36	4.5	20	Fault-Protected, High-Voltage, SPST CMOS Analog Switch (NC)
MAX4520	Rail-to-Rail, Fault-Protected, SPST Analog Switches	PRODUCTION	1	Switch	1:1 SPST	125	-	1.5p	10p	-	9	36	4.5	20	Fault-Protected, High-Voltage, SPST CMOS Analog Switch (NO)
MAX4621	Dual, 5Ω Analog Switches	PRODUCTION	2	Switch	1:1 SPST	3	0.7	480p	20p	-	4.5	36	4.5	18	Dual, 5 Ohm SPST CMOS Analog Switch (2 NO)
MAX4622	Dual, 5Ω Analog Switches	PRODUCTION	2	Switch	2:1 SPDT	3	0.7	480p	20p	-	4.5	36	4.5	18	Dual, 5 Ohm SPDT CMOS Analog Switch
MAX4623	Dual, 5Ω Analog Switches	PRODUCTION	2	Switch	1:1 DPST	3	0.7	480p	20p	-	4.5	36	4.5	18	Dual, 5 Ohm DPST CMOS Analog Switch (2 NO)
MAX4617	High-Speed, Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	1	Mux	8:1	8	1	3p	2p	-	2	5.5	-	-	High-Speed, Low-Voltage, CMOS Analog Multiplexers/Switch
MAX4618	High-Speed, Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	2	Mux	4:1	8	1	3p	2p	-	2	5.5	-	-	High-Speed, Low-Voltage, CMOS Analog Multiplexers/Switch

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4619	High-Speed, Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	3	Switch	2:1 SPDT	8	1	3p	2p	-	2	5.5	-	-	High-Speed, Low-Voltage, CMOS Analog Multiplexers/Switch
MAX4614	Low-Voltage, High-Speed, Quad, SPST CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	8	1.2	6.5p	20p	70M	2	5.5	-	-	Low-Voltage, Quad, SPST CMOS Analog Switch (4 NO)
MAX4615	Low-Voltage, High-Speed, Quad, SPST CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	8	1.2	6.5p	20p	70M	2	5.5	-	-	Low-Voltage, Quad, SPST CMOS Analog Switch (4 NC)
MAX4616	Low-Voltage, High-Speed, Quad, SPST CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	8	1.2	6.5p	20p	70M	2	5.5	-	-	Low-Voltage, Quad, SPST CMOS Analog Switch (2 NO, 2 NC)
MAX4632	Fault-Protected, High-Voltage, Dual Analog Switches	PRODUCTION	2	Switch	2:1 SPDT	62	-	5p	10p	-	9	36	4.5	18	Fault-Protected, High-Voltage, Dual SPDT Analog Switch
MAX4661	2.5 Ohm Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	1.7	0.6	300p	10p	-	4.5	36	4.5	20	2.5 Ohm, Quad SPST, CMOS Analog Switch (4 NC)
MAX4662	2.5 Ohm Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	1.7	0.6	300p	10p	-	4.5	36	4.5	20	2.5 Ohm, Quad SPST, CMOS Analog Switch (4 NO)
MAX4663	2.5 Ohm Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	1.7	0.6	300p	10p	-	4.5	36	4.5	20	2.5 Ohm, Quad SPST, CMOS Analog Switch (2 NO, 2 NC)
MAX4664	5 Ohm, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	3	0.6	300p	20p	-	4.5	36	4.5	20	5 Ohm, Quad SPST, CMOS Analog Switch (4 NC)
MAX4665	5 Ohm, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	3	0.6	300p	20p	-	4.5	36	4.5	20	5 Ohm, Quad SPST, CMOS Analog Switch (4 NO)
MAX4666	5 Ohm, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	3	0.6	300p	20p	-	4.5	36	4.5	20	5 Ohm, Quad SPST, CMOS Analog Switch (2NO, 2 NC)

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4667	2.5Ω, Dual, SPST, CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	1.6	0.5	450p	20p	-	4.5	36	4.5	20	2.5 Ohm, Dual, SPST, CMOS Analog Switch (2 NC)
MAX4668	2.5Ω, Dual, SPST, CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	1.6	0.5	450p	20p	-	4.5	36	4.5	20	2.5 Ohm, Dual, SPST, CMOS Analog Switch (2 NO)
MAX4669	2.5Ω, Dual, SPST, CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	1.6	0.5	450p	20p	-	4.5	36	4.5	20	2.5 Ohm, Dual, SPST, CMOS Analog Switch (1 NO, 1 NC)
MAX4680	1.25Ω, Dual, SPST, CMOS Analog Switch	PRODUCTION	2	Switch	1:1 SPST	0.9	0.5	550p	10p	-	4.5	36	4.5	20	1.25 Ohm, Dual, SPST, CMOS Analog Switch (2 NC)
MAX4690	1.25Ω, Dual, SPST, CMOS Analog Switch	PRODUCTION	2	Switch	1:1 SPST	0.9	0.5	550p	10p	-	4.5	36	4.5	20	1.25 Ohm, Dual, SPST, CMOS Analog Switch (2 NO)
MAX4700	1.25Ω, Dual, SPST, CMOS Analog Switch	PRODUCTION	2	Switch	1:1 SPST	0.9	0.5	550p	10p	-	4.5	36	4.5	20	1.25 Ohm, Dual, SPST, CMOS Analog Switch (1 NO, 1 NC)
DG200A	Dual Monolithic SPST, CMOS Analog Switch	PRODUCTION	2	Switch	1:1 SPST	45	-	10p	100p	-	-	-	4.5	18	Dual Monolithic SPST, CMOS Analog Switch (2 NC)
DG201A	Quad SPST CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	115	-	20p	100p	-	-	-	4.5	18	Quad SPST, CMOS Analog Switch (4 NC)
DG211	Quad SPST CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	115	-	20p	100p	-	-	-	4.5	18	Quad SPST, CMOS Analog Switch (4 NC)
DG417	Improved, SPST/SPDT Analog Switches	PRODUCTION	1	Switch	1:1 SPST	20	4	10p	400p	-	10	30	4.5	20	Improved, SPST, Precision, CMOS Analog Switch (NC)
DG418	Improved, SPST/SPDT Analog Switches	PRODUCTION	1	Switch	1:1 SPST	20	4	10p	400p	-	10	30	4.5	20	Improved, SPST, Precision, CMOS Analog Switch (NO)
DG419	Improved, SPST/SPDT Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	20	4	10p	750p	-	10	30	4.5	20	Improved, SPDT, Precision, CMOS Analog Switch
DG441	Improved, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	50	9	10p	80p	-	10	30	4.5	20	Improved, Quad SPST Analog Switch (4 NC)

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
DG442	Improved, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	50	9	10p	80p	-	10	30	4.5	20	Improved, Quad SPST Analog Switch (4 NO)
DG508A	Monolithic CMOS Analog Multiplexers	PRODUCTION	1	Mux	8:1	170	-	-	30p	-	9	-	4.5	18	8-Channel CMOS Multiplexer
DG509A	Monolithic CMOS Analog Multiplexers	PRODUCTION	2	Mux	4:1	170	-	-	15p	-	9	-	4.5	18	Differential, 4-Channel CMOS Multiplexer
HI-201HS	High-Speed, Quad SPST, CMOS Analog Switch	PRODUCTION	4	Switch	1:1 SPST	50	-	10p	-	-	12	20	4.5	20	High-Speed, Quad SPST, CMOS Analog Switch (4 NC)
IH5049	Dual SPST, Low Charge Injection Analog Switch	PRODUCTION	2	Switch	1:1 DPST	45	-	10p	10n	-	-	-	-	-	Dual DPST, Low Charge Injection Analog Switch
IH5051	Dual SPST, Low Charge Injection Analog Switch	PRODUCTION	2	Switch	2:1 SPDT	40	-	10p	2n	-	-	-	-	-	Dual SPDT, Low Charge Injection Analog Switch
MAX326	Quad, SPST, Ultra-Low-Leakage, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	1500	-	5p	2p	-	10	30	4.5	18	Quad SPST, Ultra-Low-Leakage, CMOS Analog Switch (4 NC)
MAX327	Quad, SPST, Ultra-Low-Leakage, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	1500	-	5p	2p	-	10	30	4.5	18	Quad, SPST, Ultra-Low Leakage, CMOS Analog Switches
MAX328	Ultra-Low-Leakage, Single-Ended, Monolithic, CMOS Analog Multiplexer	PRODUCTION	1	Mux	8:1	1500	-	5p	3p	-	10	30	5	18	Ultra-Low-Leakage, Single-Ended, Monolithic, CMOS Analog Multiplexer
MAX329	Ultra-Low-Leakage, Single-Ended, Monolithic, CMOS Analog Multiplexer	PRODUCTION	2	Mux	4:1	1500	-	5p	1.5p	-	10	30	5	18	Ultra-Low-Leakage, Differential, Monolithic, CMOS Analog Multiplexer
MAX389	High-Voltage, Fault-Protected Analog Multiplexers	PRODUCTION	2	Mux	4:1	2	-	55p	20n	-	-	-	4.5	18	High-Voltage, Fault-Protected Analog Multiplexers
MAX317	Precision, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	20	3	10p	400p	-	10	30	4.5	20	Precision, SPST, CMOS Analog Switch (NC)

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX318	Precision, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	20	3	10p	400p	-	10	30	4.5	20	Precision, SPST, CMOS Analog Switch (NO)
MAX319	Precision, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	20	3	10p	750p	-	10	30	4.5	20	Precision, SPDT, CMOS Analog Switch
MAX323	Precision, Single-Supply, SPST Analog Switches	PRODUCTION	2	Switch	1:1 SPST	33	6	5p	200p	-	2.7	16	-	-	Precision, Single-Supply, Dual SPST CMOS Analog Switch (2 NO)
MAX324	Precision, Single-Supply, SPST Analog Switches	PRODUCTION	2	Switch	1:1 SPST	33	6	5p	200p	-	2.7	16	-	-	Precision, Single-Supply, Dual SPST CMOS Analog Switch (2 NC)
MAX325	Precision, Single-Supply, SPST Analog Switches	PRODUCTION	2	Switch	1:1 SPST	33	6	5p	200p	-	2.7	16	-	-	Precision, Single-Supply, SPST CMOS Analog Switch (1NO, 1 NC)
MAX338	8-Channel/Dual 4-Channel, Low-Leakage, CMOS Analog Multiplexers	PRODUCTION	1	Mux	8:1	400	-	5p	6p	-	4.5	30	4.5	20	8-Channel, Low-Leakage, CMOS Analog Multiplexer
MAX339	8-Channel/Dual 4-Channel, Low-Leakage, CMOS Analog Multiplexers	PRODUCTION	2	Mux	4:1	400	-	5p	8p	-	4.5	30	4.5	20	Dual 4-Channel, Low-Leakage, CMOS Analog Multiplexer
MAX351	Precision, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	17	3	5p	-100p	-	10	30	4.5	20	Precision, Quad, SPST Analog Switch (4 NC)
MAX352	Precision, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	17	3	5p	-100p	-	10	30	4.5	20	Precision, Quad, SPST Analog Switch (4 NO)
MAX353	Precision, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	17	3	5p	-100p	-	10	30	4.5	20	Precision, Quad, SPST Analog Switch (2 NO, 2 NC)
MAX361	Precision, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	50	9	5p	80p	-	10	30	4.5	20	Precision, Quad, SPST Analog Switch (4 NC)
MAX362	Precision, Quad, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	50	9	5p	80p	-	10	30	4.5	20	Precision, Quad, SPST Analog Switch (4 NO)

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX396	Precision, 16-Channel/Dual 8-Channel, Low-Voltage, CMOS Analog Multiplexers	PRODUCTION	1	Mux	16:1	100	10	2p	90p	-	2	16	2.7	8	Precision, 16-Channel, Low-Voltage, CMOS Analog Multiplexer—DG406 Pinout
MAX397	Precision, 16-Channel/Dual 8-Channel, Low-Voltage, CMOS Analog Multiplexers	PRODUCTION	2	Mux	8:1	100	10	2p	50p	-	2	16	2.7	8	Precision, Dual, 8-Channel, Low-Voltage, CMOS Analog Multiplexer—DG407 Pinout
MAX354	Fault-Protected Analog Multiplexers	PRODUCTION	1	Mux	8:1	285	-	80p	20p	-	4.5	36	4.5	18	Single, 8-Channel, Fault-Protected CMOS Multiplexer—Improved MAX358
MAX355	Fault-Protected Analog Multiplexers	PRODUCTION	2	Mux	4:1	285	-	80p	20p	-	4.5	36	4.5	18	Dual, 4-Channel, Fault-Protected CMOS Multiplexer
MAX378	8-Channel, High-Voltage, Fault-Protected Multiplexers	PRODUCTION	1	Mux	8:1	2000	-	180p	100p	-	-	-	4.5	18	8-Channel, High-Voltage, Fault-Protected Multiplexer
MAX379	8-Channel, High-Voltage, Fault-Protected Multiplexers	PRODUCTION	2	Mux	4:1	2000	-	180p	100p	-	-	-	4.5	18	Differential 4-Channel, High-Voltage, Fault-Protected Multiplexer
MAX4533	Quad, Rail-to-Rail, Fault-Protected, SPDT Analog Switch	PRODUCTION	4	Switch	2:1 SPDT	125	4	1.5p	10p	-	9	36	4.5	18	Quad, Rail-to-Rail, Fault-Protected, SPDT Analog Switch
MAX4558	±15kV ESD-Protected, Low-Voltage, CMOS Analog Multiplexers Switches	PRODUCTION	1	Mux	8:1	110	8	2.4p	2p	-	2	12	2	6	±15kV ESD-Protected, Low-Voltage 8-to-1 CMOS Analog Multiplexers
MAX4559	±15kV ESD-Protected, Low-Voltage, CMOS Analog Multiplexers Switches	PRODUCTION	2	Mux	4:1	110	8	2.4p	2p	-	2	12	2	6	±15kV ESD-Protected, Low-Voltage 4-to-1 CMOS Analog Multiplexers

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4560	±15kV ESD-Protected, Low-Voltage, CMOS Analog Multiplexers Switches	PRODUCTION	3	Switch	2:1 SPDT	110	8	2.4p	2p	-	2	12	2	6	±15kV ESD-Protected, Low-Voltage, Triple SPDT Switch
MAX4508	Fault-Protected, High-Voltage Single 8-to-1/Dual 4-to-1 Multiplexers with Output Clamps	PRODUCTION	1	Mux	8:1	300	-	10p	2n	-	9	36	4.5	20	Fault-Protected, High-Voltage, Single 8-to-1 Multiplexer
MAX4509	Fault-Protected, High-Voltage Single 8-to-1/Dual 4-to-1 Multiplexers with Output Clamps	PRODUCTION	2	Mux	4:1	300	-	10p	1n	-	9	36	4.5	20	Fault-Protected, High-Voltage, Single 4-to-1 Multiplexer
MAX4610	Low-Voltage, Quad, SPST CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	70	22	5p	200p	300M	2	12	-	-	Low-Voltage, Quad, SPST CMOS Analog Switch (4 NO)
MAX4611	Low-Voltage, Quad, SPST CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	70	22	5p	200p	300M	2	12	-	-	Low-Voltage, Quad, SPST CMOS Analog Switch (4 NC)
MAX4612	Low-Voltage, Quad, SPST CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	70	22	5p	200p	300M	2	12	-	-	Low-Voltage, Quad, SPST CMOS Analog Switch (2 NO, 2 NC)
MAX4601	2.5Ω, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	1.7	0.4	120p	200p	-	4.5	36	4.5	20	2.5 Ohm, Quad, SPST, CMOS Analog Switches (4 NC)
MAX4602	2.5Ω, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	1.7	0.4	120p	200p	-	4.5	36	4.5	20	2.5 Ohm, Quad, SPST, CMOS Analog Switches (4 NO)
MAX4603	2.5Ω, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	1.7	0.4	120p	200p	-	4.5	36	4.5	20	2.5 Ohm, Quad, SPST, CMOS Analog Switches (2NO, 2 NC)
LTC1390	8-Channel Analog Multiplexer with Serial Interface	PRODUCTION	1	Mux	8:1	45	-	2p	50p	-	3	10	10	10	8-Channel Analog Multiplexer with Serial Interface
MAX4604	5Ω, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	3	0.5	225p	200p	-	4.5	36	4.5	20	5 Ohm, Quad, SPST, CMOS Analog Switch (1 NC)

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4605	5Ω, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	3	0.5	225p	200p	-	4.5	36	4.5	20	5 Ohm, Quad, SPST, CMOS Analog Switch (1 NO)
MAX4606	5Ω, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	3	0.5	225p	200p	-	4.5	36	4.5	20	5 Ohm, Quad, SPST, CMOS Analog Switch (2 NC, 2 NO)
MAX4607	2.5Ω, Dual, SPST, CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	1.6	0.4	45p	20p	-	4.5	36	4.5	20	2.5 Ohm, Dual, SPST CMOS Analog Switch (2 NC)
MAX4608	2.5Ω, Dual, SPST, CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	1.6	0.4	45p	20p	-	4.5	36	4.5	20	2.5 Ohm, Dual, SPST CMOS Analog Switch (2 NO)
MAX4551	±15kV ESD-Protected, Quad, Low-Voltage, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	80	8	5p	10p	-	2	12	2	6	±15KV ESD-Protected, Quad, Low-Voltage, SPST Analog Switch (4 NC)
MAX4552	±15kV ESD-Protected, Quad, Low-Voltage, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	80	8	5p	10p	-	2	12	2	6	±15KV ESD-Protected, Quad, Low-Voltage, SPST Analog Switch (4 NO)
MAX4553	±15kV ESD-Protected, Quad, Low-Voltage, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	80	8	5p	10p	-	2	12	2	6	±15KV ESD-Protected, Quad, Low-Voltage, SPST Analog Switch (2 NC, 2 NO)
MAX4580	1.25Ω, Dual SPST, CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	0.9	0.3	60p	10p	-	4.5	36	4.5	20	1.25 Ohm, Dual SPST CMOS Analog Switch (2 NC)
MAX4590	1.25Ω, Dual SPST, CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	0.9	0.3	60p	10p	-	4.5	36	4.5	20	1.25 Ohm, Dual SPST CMOS Analog Switch (2 NO)
MAX4598	Low-Voltage, Combination Single-Ended 8-to-1 Differential 4-to-1 Multiplexer	PRODUCTION	2	Mux	8:1	45	13	5p	10p	-	2.7	12	2.7	6	Low-Voltage, Combination Single-Ended 8-to-1/Differential 4-to-1 Multiplexer
MAX4600	1.25Ω, Dual SPST, CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	0.9	0.3	60p	10p	-	4.5	36	4.5	20	1.25 Ohm, Dual SPST CMOS Analog Switch (1 NC, 1 NO)

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4511	Quad, Rail-to-Rail, Fault-Protected, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	125	-	5p	10p	-	9	36	4.5	18	Fault-Protected, High-Voltage, Quad SPST CMOS Analog Switch (4 NC)
MAX4512	Quad, Rail-to-Rail, Fault-Protected, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	125	-	5p	10p	-	9	36	4.5	18	Fault-Protected, High-Voltage, Quad SPST CMOS Analog Switch (4 NO)
MAX4513	Quad, Rail-to-Rail, Fault-Protected, SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	125	-	5p	10p	-	9	36	4.5	18	Fault-Protected, High-Voltage, Quad SPST CMOS Analog Switch (2 NO, 2 NC)
MAX4613	Quad, SPST Analog Switch	PRODUCTION	4	Switch	1:1 SPST	55	9	10p	80p	-	4.5	40	4.5	20	Quad, SPST CMOS Analog Switch (2 NO, 2 NC)
MAX4554	Force-Sense Switches	PRODUCTION	3	Switch	2:1 SPDT	4	1	100p	60p	-	9	40	4.5	20	3PST, Force-Sense Analog Switch (NO)
MAX4555	Force-Sense Switches	PRODUCTION	4	Switch	1:1 SPST	3.8	1	100p	60p	-	9	40	4.5	20	5PST, Force-Sense Analog Switch (NC)
MAX4556	Force-Sense Switches	PRODUCTION	3	Switch	2:1 SPDT	3.8	1	100p	60p	-	9	40	4.5	20	5PST Force-Sense Switch
LTC1380	Single-Ended 8-Channel/Differential 4-Channel Analog Multiplexer with SMBus Interface	PRODUCTION	1	Mux	8:1	35	-	20p	50p	-	2.7	14	2.7	14	Single-Ended 8-Channel/Differential 4-Channel Analog Multiplexer with SMBus Interface
LTC1393	Single-Ended 8-Channel/Differential 4-Channel Analog Multiplexer with SMBus Interface	PRODUCTION	1	Mux	8:1	70	-	20p	50n	-	2.7	14	-	-	Single-Ended 8-Channel/Differential 4-Channel Analog Multiplexer with SMBus Interface
MAX4581	Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	1	Mux	8:1	50	10	5p	2n	-	2	12	2	6	Low-Voltage, 8-Channel, CMOS Analog Multiplexer
MAX4582	Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	2	Mux	4:1	50	10	5p	2n	-	2	12	2	6	Low-Voltage, Dual, 4-Channel, CMOS Analog Multiplexer

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4583	Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	3	Switch	2:1 SPDT	50	10	5p	2n	-	2	12	2	6	Low-Voltage, Triple, SPDT CMOS Analog Switch
MAX4524	Low-Voltage, Single-Supply Multiplexer and Switch	PRODUCTION	1	Mux	4:1	90	12	5p	2n	-	2	12	2	12	Low Voltage, Single-Supply, 4-channel Multiplexer/Demultiplexer
MAX4525	Low-Voltage, Single-Supply Multiplexer and Switch	PRODUCTION	2	Switch	2:1 DPDT	90	12	5p	1n	-	2	12	2	12	Low Voltage, Single-Supply, DPDT Switch
MAX4528	Low-Voltage, Phase-Reversal Analog Switch	PRODUCTION	1	Switch	2:1 DPDT	70	15	5p	10p	-	2.7	12	2.7	6	Low-Voltage, Phase-Reversal Analog Switch
MAX4541	Low-Voltage, Single-Supply Dual SPST/SPDT Analog Switches	PRODUCTION	2	Switch	1:1 SPST	30	2	5p	200p	-	2.7	12	-	-	Low-Voltage, Single-Supply, Dual SPST CMOS Analog Switch (2 NO)
MAX4542	Low-Voltage, Single-Supply Dual SPST/SPDT Analog Switches	PRODUCTION	2	Switch	1:1 SPST	30	2	5p	200p	-	2.7	12	-	-	Low-Voltage, Single-Supply, Dual SPST CMOS Analog Switch (2 NC)
MAX4543	Low-Voltage, Single-Supply Dual SPST/SPDT Analog Switches	PRODUCTION	2	Switch	1:1 SPST	30	2	5p	200p	-	2.7	12	-	-	Low-Voltage, Single-Supply, Dual SPST CMOS Analog Switch (1 NO, 1 NC)
MAX4544	Low-Voltage, Single-Supply Dual SPST/SPDT Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	30	2	5p	200p	-	2.7	12	-	-	Low-Voltage, Single-Supply, SPDT, Analog Switch
MAX336	16-Channel Dual 8 Channel, Low Leakage, CMOS Analog Multiplexers	PRODUCTION	1	Mux	16:1	220	-	3.5p	80p	-	4.5	30	9	40	16-Channel, Low-Leakage, CMOS Analog Multiplexer
MAX337	16-Channel Dual 8 Channel, Low Leakage, CMOS Analog Multiplexers	PRODUCTION	2	Mux	8:1	220	-	10p	50p	-	4.5	30	4.5	20	Dual 8-Channel, Low-Leakage, CMOS Analog Multiplexer
LTC1391	8-Channel Analog Multiplexer with Cascadable Serial Interface	PRODUCTION	1	Mux	8:1	45	-	2p	50p	-	2.7	10	10	10	8-Channel Analog Multiplexer with Cascadable Serial Interface

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron max Flatness	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4530	Low-Voltage, CMOS Analog Multiplexers Switches with Enable Inputs and Address Latching	PRODUCTION	1	Mux	8:1	45	13	1.5p	2n	-	2	12	2	6	Low-Voltage, 8-Channel, CMOS Analog Mux w/Enable Inputs & Address Latching
MAX4531	Low-Voltage, CMOS Analog Multiplexers Switches with Enable Inputs and Address Latching	PRODUCTION	2	Mux	4:1	45	13	1.5p	1n	-	2	12	2	6	Low-Voltage, Dual 4-Channel, CMOS Analog Mux w/Enable Inputs & Address Latching
MAX4532	Low-Voltage, CMOS Analog Multiplexers Switches with Enable Inputs and Address Latching	PRODUCTION	3	Switch	2:1 SPDT	45	4	1.5p	10p	-	2	12	2	6	Low-Voltage, CMOS Analog SPDT Switch w/Enable Inputs & Address Latching
MAX4526	Phase-Reversal Analog Switches	PRODUCTION	2	Switch	1:1 SPDT	105	12	1p	-	-	4.5	36	4.5	18	Phase-Reversal Analog Switch
MAX4527	Phase-Reversal Analog Switches	PRODUCTION	2	Switch	1:1 SPDT	105	12	1p	-	-	4.5	36	4.5	18	Phase-Reversal Analog Switch
MAX4536	Quad, Low-Voltage, SPST Analog Switches with Enable	PRODUCTION	4	Switch	1:1 SPST	55	15	1p	10p	-	2	12	2	6	Quad, Low-Voltage, SPST CMOS Analog Switch with Enable (4 NO)
MAX4537	Quad, Low-Voltage, SPST Analog Switches with Enable	PRODUCTION	4	Switch	1:1 SPST	55	15	1p	10p	-	2	12	2	6	Quad, Low-Voltage, SPST CMOS Analog Switch with Enable (4 NC)
MAX4538	Quad, Low-Voltage, SPST Analog Switches with Enable	PRODUCTION	4	Switch	1:1 SPST	55	15	1p	10p	-	2	12	2	6	Quad, Low-Voltage, SPSTCMOS Analog Switch (2 NO, 2 NC)
MAX335	Serial Controlled, 8-Channel SPST Switch	PRODUCTION	8	Switch	1:1 SPST	100	-	-	10p	-	-	-	4.5	20	Serial-Controlled, Octal SPST Analog Switch (8 NO)
MAX4521	Quad, Low-Voltage SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	65	15	1p	10p	-	2	12	2	6	Quad, Low-Voltage, SPST CMOS Analog Switch (4 NC)
MAX4522	Quad, Low-Voltage SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	65	15	1p	10p	-	2	12	2	6	Quad, Low-Voltage, SPST CMOS Analog Switch (4 NO)

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4523	Quad, Low-Voltage SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	65	15	1p	10p	-	2	12	2	6	Quad, Low-Voltage, SPST CMOS Analog Switch (2 NO, 2 NC)
MAX4503	Low-Voltage, Dual-Supply, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	60	-	1p	10p	-	-	-	1	6	Low-Voltage, Dual-Supply, SPST CMOS Analog Switch (NO)
MAX4504	Low-Voltage, Dual-Supply, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	60	-	1p	10p	-	-	-	1	6	Low-Voltage, Dual-Supply, SPST CMOS Analog Switch (NC)
MAX4514	Low-Voltage, Low-On-Resistance, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	10	5	2p	2n	-	2	12	-	-	Low-Voltage, Low-On-Resistance, SPST CMOS Analog Switch (NO)
MAX4515	Low-Voltage, Low-On-Resistance, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	10	5	2p	2n	-	2	12	-	-	Low-Voltage, Low-On-Resistance, SPST CMOS Analog Switch (NC)
MAX4516	Dual-Supply, Low On-Resistance, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	10	6	10p	2n	-	-	-	1	6	Dual-Supply, Low-On-Resistance, SPST CMOS Analog Switch (NO)
MAX4517	Dual-Supply, Low On-Resistance, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	10	6	10p	2n	-	-	-	1	6	Dual-Supply, Low-On-Resistance, SPST CMOS Analog Switch (NC)
MAX4501	Low-Voltage, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	90	-	1p	10p	-	2	12	-	-	Low-Voltage, SPST, CMOS Analog Switch (NO)
MAX4502	Low-Voltage, SPST, CMOS Analog Switches	PRODUCTION	1	Switch	1:1 SPST	90	-	1p	10p	-	2	12	-	-	Low-Voltage, SPST, CMOS Analog Switch (NC)
MAX4518	Precision, 4-Channel/Dual 2-Channel, Low-Voltage, CMOS Analog Multiplexers	PRODUCTION	1	Mux	4:1	60	13	5p	10n	-	2.7	15	2.7	8	Precision, 4-Channel, Low-Voltage, CMOS Analog Multiplexer

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4519	Precision, 4-Channel/Dual 2-Channel, Low-Voltage, CMOS Analog Multiplexers	PRODUCTION	2	Mux	2:1 SPDT	60	10	5p	2.5n	-	2.7	15	2.7	8	Precision, Dual 2-Channel, Low-Voltage, CMOS Analog Multiplexer
MAX4051	Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	1	Mux	8:1	60	15	2p	2p	-	2	16	2.7	8	Low-Voltage, Single 8-Channel CMOS Analog Multiplexer
MAX4051A	Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	1	Mux	8:1	60	15	2p	2p	-	2	16	2.7	8	Low-Voltage, Single 8-Channel CMOS Analog Multiplexer
MAX4052	Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	2	Mux	4:1	60	15	2p	2p	-	2	16	2.7	8	Low-Voltage, Dual 4-Channel CMOS Analog Multiplexer
MAX4052A	Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	2	Mux	4:1	60	15	2p	2p	-	2	16	2.7	8	Low-Voltage, Dual 4-Channel CMOS Analog Multiplexer
MAX4053	Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	3	Switch	2:1 SPDT	60	15	2p	2p	-	2	16	2.7	8	Low-Voltage, SPDT CMOS Analog Switch
MAX4053A	Low-Voltage, CMOS Analog Multiplexers/Switches	PRODUCTION	3	Switch	2:1 SPDT	60	15	2p	2p	-	2	16	2.7	8	Low-Voltage, SPDT CMOS Analog Switch
MAX349	Serially Controlled, Low-Voltage, 8-Channel Dual 4-Channel Multiplexers	PRODUCTION	1	Mux	8:1	60	15	1p	1p	-	2.7	16	2.7	8	Serially Controlled, Low-Voltage, 8-channel Multiplexer
MAX350	Serially Controlled, Low-Voltage, 8-Channel Dual 4-Channel Multiplexers	PRODUCTION	2	Mux	4:1	60	15	1p	20p	-	2.7	16	2.7	8	Serially Controlled, Low-Voltage, 8-channel Multiplexer
MAX395	Serially Controlled, Low-Voltage, 8-Channel SPST Switch	PRODUCTION	8	Switch	1:1 SPST	60	10	2p	10p	-	2.7	16	2.7	8	Serially Controlled, Low-Voltage, 8-Channel SPST Switch (8 NO)
MAX4066	Low-Cost, Low-Voltage, Quad, SPST, CMOS Analog Switch	PRODUCTION	4	Switch	1:1 SPST	16	4	1p	2n	100M	2	16	-	-	Low-Cost, Low Voltage, Quad, SPST CMOS Analog Switch (4 NO)

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX4066A	Low-Cost, Low-Voltage, Quad, SPST, CMOS Analog Switch	PRODUCTION	4	Switch	1:1 SPST	16	4	1p	200p	100M	2	16	-	-	Low-Cost, Low Voltage, Quad, SPST CMOS Analog Switch (4 NO)
MAX312	10Ω, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	6.5	4	20p	5n	-	4.5	30	4.5	20	10 Ohm, Quad, SPST, CMOS Analog Switch (4 NC)
MAX313	10Ω, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	6.5	4	20p	5n	-	4.5	30	4.5	20	10 Ohm, Quad, SPST, CMOS Analog Switch (4 NO)
MAX314	10Ω, Quad, SPST, CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	6.5	4	20p	5n	-	4.5	30	4.5	20	10 Ohm, Quad, SPST, CMOS Analog Switch (2 NO, 2 NC)
MAX382	Low-Voltage, 8-Channel/Dual 4-Channel Multiplexers with Latchable Inputs	PRODUCTION	1	Mux	8:1	60	10	2p	400p	-	2.7	16.5	3	8	Low-Voltage, 1-of-8 CMOS Multiplexer with Latchable Inputs
MAX394	Low-Voltage, Quad, SPDT, CMOS Analog Switch—Replaces MAX333A	PRODUCTION	4	Switch	2:1 SPDT	20	4	5p	40p	-	2.7	15	2.7	8	Low-Voltage, Quad, SPDT, CMOS Analog Switch—Replaces MAX333A
MAX320	Precision, Dual Supply, SPST, Analog CMOS Switches	PRODUCTION	2	Switch	1:1 SPST	16	6	2p	200p	-	-	-	2.7	8	Precision, Dual-Supply, Dual, SPST CMOS Analog Switch (2 NO)
MAX321	Precision, Dual Supply, SPST, Analog CMOS Switches	PRODUCTION	2	Switch	1:1 SPST	16	6	2p	200p	-	-	-	2.7	8	Precision, Dual-Supply, Dual, SPST CMOS Analog Switch (2 NC)
MAX322	Precision, Dual Supply, SPST, Analog CMOS Switches	PRODUCTION	2	Switch	1:1 SPST	16	6	2p	200p	-	-	-	2.7	8	Precision, Dual-Supply, Dual, SPST CMOS Analog Switch (1 NO, 1 NC)
MAX381	Precision, Low-Voltage, SPST CMOS Analog Switch	PRODUCTION	2	Switch	1:1 SPST	20	6	2p	40p	-	3	15	3	8	Precision, Dual, Low-Voltage, SPST CMOS Analog Switch (NO)
MAX383	Precision, Low-Voltage, SPST CMOS Analog Switch	PRODUCTION	2	Switch	2:1 SPDT	20	6	2p	40p	-	3	15	3	8	Precision, Low-Voltage, SPST CMOS Analog Switch

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
MAX385	Precision, Low-Voltage, SPST CMOS Analog Switch	PRODUCTION	2	Switch	1:1 DPST	20	6	2p	40p	-	3	15	3	8	Precision, Low-Voltage, SPST CMOS Analog Switch
MAX306	Precision, 16-Channel/Dual 8-Channel, High-Performance, CMOS Analog Multiplexers	PRODUCTION	1	Mux	16:1	60	7	2p	20p	-	5	30	4.5	20	Precision, 16-Channel, High-Performance, CMOS Analog Multiplexer
MAX307	Precision, 16-Channel/Dual 8-Channel, High-Performance, CMOS Analog Multiplexers	PRODUCTION	1	Mux	8:1	60	7	2p	20p	-	5	30	4.5	20	Precision, 8-Channel, High-Performance, CMOS Analog Multiplexer
MAX301	Precision, Dual, High-Speed Analog Switches	PRODUCTION	2	Switch	1:1 SPST	20	5	10p	40p	-	10	30	4.5	20	Low On-Resistance, Precision, Dual, SPST, High-Speed Analog Switch (2 NO)
MAX303	Precision, Dual, High-Speed Analog Switches	PRODUCTION	2	Switch	2:1 SPDT	20	5	10p	40p	-	10	30	4.5	20	Low On-Resistance, Precision, Dual, SPST, High-Speed Analog Switch (2 NO, 2 NC)
MAX305	Precision, Dual, High-Speed Analog Switches	PRODUCTION	2	Switch	1:1 DPST	20	5	10p	40p	-	10	30	4.5	20	Low On-Resistance, Precision, Dual, SPST, High-Speed Analog Switch (2 NO)
DG202	Quad SPST CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	115	-	20p	100p	-	-	-	4.5	18	Quad SPST, CMOS Analog Switch (4 NO)
DG212	Quad SPST CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	115	-	20p	100p	-	-	-	4.5	18	Quad SPST, CMOS Analog Switch (4 NO)
LTC203	Micropower, Low Charge Injection, Quad CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	65	-	8p	20p	-	-	-	-	-	Micropower, Low Charge Injection, Quad CMOS Analog Switches
DG309	Quad SPST Analog Switches	PRODUCTION	4	Switch	1:1 SPST	60	-	10p	100p	-	5	30	5	20	Quad, SPST, Analog Switch (4 NC)
DG528	8-Channel, Latchable Multiplexer	PRODUCTION	1	Mux	8:1	270	-	4p	30p	-	5	30	4.5	20	Single-Ended, 8-Channel, Latchable Multiplexer

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron max Flatness	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
DG529	8-Channel, Latchable Multiplexer	PRODUCTION	2	Mux	4:1	270	-	4p	15p	-	5	30	4.5	20	Differential, 8-Channel, Latchable Multiplexer
LTC202	Micropower, Low Charge Injection, Quad CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	65	-	8p	20p	-	-	-	-	-	Micropower, Low Charge Injection, Quad CMOS Analog Switches
LTC221	Micropower, Low Charge Injection, Quad CMOS Analog Switches with Data Latches	PRODUCTION	4	Switch	1:1 SPST	65	-	5p	20p	-	-	-	-	-	Micropower, Low Charge Injection, Quad CMOS Analog Switches with Data Latches
LTC222	Micropower, Low Charge Injection, Quad CMOS Analog Switches with Data Latches	PRODUCTION	4	Switch	1:1 SPST	65	-	5p	20p	-	-	-	-	-	Micropower, Low Charge Injection, Quad CMOS Analog Switches with Data Latches
LTC201A	Micropower, Low Charge Injection, Quad CMOS Analog Switches	PRODUCTION	4	Switch	1:1 SPST	65	-	8p	20p	-	-	-	-	-	Micropower, Low Charge Injection, Quad CMOS Analog Switches
MAX334	Quad, SPST, High-Speed, Break-Before-Make Analog Switch	PRODUCTION	4	Switch	1:1 SPST	30	-	10p	1n	-	10	30	4.5	20	Quad, SPST, High-Speed, Break-Before-Make Analog Switch (4 NC)
DG300A	TTL Compatible CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	30	-	12p	100p	-	10	30	5	18	Dual SPST, TTL-Compatible, CMOS Analog Switch (2 NO)
DG301A	TTL Compatible CMOS Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	30	-	12p	100p	-	10	30	5	18	SPDT, TTL-Compatible, CMOS Analog Switch
DG302A	TTL Compatible CMOS Analog Switches	PRODUCTION	2	Switch	1:1 DPST	30	-	12p	100p	-	10	30	5	18	Dual DPST, TTL-Compatible, CMOS Analog Switch
DG303A	TTL Compatible CMOS Analog Switches	PRODUCTION	2	Switch	2:1 SPDT	30	-	12p	100p	-	10	30	5	18	Dual SPDT, TTL-Compatible, CMOS Analog Switch
DG506A	Monolithic CMOS Analog Multiplexers	PRODUCTION	1	Mux	16:1	270	-	-	60p	-	5	15	9	36	16-Channel CMOS Multiplexer

	Description	Product Lifecycle	# of Channels	Device Primary Function	Device Config	Switch typ Ron	Ron Flatness max	Charge Injection	Leakage typ Switch ON	BW typ -3 dB	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual	Comments
DG507A	Monolithic CMOS Analog Multiplexers	PRODUCTION	2	Mux	8:1	270	-	-	30p	-	5	15	9	36	Differential, 8-Channel CMOS Multiplexer
MAX358	Fault-Protected Analog Multiplexers	PRODUCTION	8	Mux	8:1	1500	-	-	100p	-	-	-	4.5	18	8-Channel, Fault-Protected Multiplexer
MAX359	Fault-Protected Analog Multiplexers	PRODUCTION	2	Mux	4:1	1500	-	-	100p	-	-	-	4.5	18	Differential 4-Channel, Fault-Protected Multiplexer
DG390A	Dual SPST, General Purpose, CMOS Analog Switch	PRODUCTION	2	Switch	2:1 SPDT	50	-	12p	100p	-	10	30	5	18	Dual SPDT, General-Purpose, CMOS Analog Switch
DG304A	CMOS Analog Switches	PRODUCTION	2	Switch	1:1 SPST	30	-	12p	100p	-	-	-	5	18	Dual SPST, CMOS Analog Switch (2 NO)
DG305A	CMOS Analog Switches	PRODUCTION	1	Switch	2:1 SPDT	30	-	12p	100p	-	-	-	5	18	SPDT, CMOS Analog Switch
DG307A	CMOS Analog Switches	PRODUCTION	2	Switch	2:1 SPDT	30	-	12p	100p	-	-	-	5	18	Dual SPDT, CMOS Analog Switch
MAX333	Quad, SPDT, CMOS Analog Switch	PRODUCTION	4	Switch	2:1 SPDT	140	-	-	200p	-	10	30	5	18	Quad, SPDT, CMOS Analog Switch
IH5142	Low-Power, SPST, Fast, CMOS Analog Switch	PRODUCTION	1	Switch	2:1 SPDT	75	-	15p	-	-	-	-	4.5	18	SPDT, Low-Power, Fast, CMOS Analog Switch
IH5143	Low-Power, SPST, Fast, CMOS Analog Switch	PRODUCTION	2	Switch	2:1 SPDT	75	-	15p	2n	-	5	18	4.5	18	Low Power Fast Cmos Analog Switches

Buffered Analog Crosspoint Switches

Parts	Description	Product Lifecycle	Interface	Device Configuration	Buffer Amp Gain	BW -3 dB typ	Cross Talk typ	Crosstalk Test Frequency	Off Isolation typ	Enable On Time typ	Switch Time Chan to Chan typ	Slew Rate typ	Vout p-p typ
ADV3205	60 MHz, G = +2, 16 × 16 Buffered Analog Crosspoint Switch	RECOMMENDED FOR NEW DESIGNS	Parallel, Serial	16 x 16	2	60M	-63	10M	-95	80n	50n	100	7
ADV3228	750 MHz, 8 × 8 Analog Crosspoint Switch	PRODUCTION	Parallel, Serial	8 x 8	1	1.2G	-73	10M	-102	20n	20n	2500	6
ADV3224	750 MHz, 16 × 8 Analog Crosspoint Switch	PRODUCTION	Parallel, Serial	16 x 8	1	1.2G	-73	10M	-103	20n	20n	2500	6
ADV3225	750 MHz, 16 × 8 Analog Crosspoint Switch	PRODUCTION	Parallel, Serial	16 x 8	2	900M	-62	10M	-109	20n	20n	2500	6
ADV3229	750 MHz, 8 x 8 Analog Crosspoint Switch	PRODUCTION	Parallel, Serial	8 x 8	2	900M	-62	10M	-107	20n	20n	2500	6
ADV3226	750 MHz, 16 × 16 Analog Crosspoint Switch	PRODUCTION	Parallel, Serial	16 x 16	1	820M	-65	10M	-76	20n	20n	2150	6
ADV3227	750 MHz, 16 × 16 Analog Crosspoint Switch	PRODUCTION	Parallel, Serial	16 x 16	2	750M	-55	10M	-76	20n	20n	2900	6
ADV3202	300 MHz, 32 × 16 Buffered Analog Crosspoint Switch	PRODUCTION	Serial	32 x 16	1	300M	-65	10M	-	50n	40n	400	4
ADV3203	300 MHz, 32 × 16 Buffered Analog Crosspoint Switch	PRODUCTION	Serial	32 x 16	2	300M	-65	10M	-	50n	40n	400	4
ADV3200	300 MHz, 32 × 32 Buffered Analog Crosspoint Switch	PRODUCTION	Serial	32 x 32	1	300M	-44	10M	-81	50n	40n	400	4
ADV3201	300 MHz, 32 × 32 Buffered Analog Crosspoint Switch	PRODUCTION	Serial	32 x 32	2	300M	-34	10M	-75	50n	40n	400	4
AD8112	Audio/Video, 60 MHz, 16 × 8, Gain of +2 Crosspoint Switch	PRODUCTION	Parallel, Serial	16 x 8	2	60M	-63	10M	-81	80n	50n	100	21
AD8110	260 MHz, 16 x 8 Buffered Video Crosspoint Switch (Gain=1)	PRODUCTION	Parallel, Serial	16 x 8	1	390M	-70	10M	-93	60n	25n	500	6

	Description	Product Lifecycle	Interface	Device Configuration	Buffer Amp Gain	BW typ -3 dB	Cross Talk typ	Crosstalk Test Frequency	Off Isolation typ	Enable On Time typ	Switch Time typ Chan to Chan	Slew Rate typ	Vout typ p-p
AD8111	260 MHz, 16 x 8 Buffered Video Crosspoint Switch (Gain=2)	PRODUCTION	Parallel, Serial	16 x 8	2	260M	-80	10M	-99	60n	25n	500	6
AD8113	Audio/Video 60MHz 16 x 16 Crosspoint Switch	PRODUCTION	Parallel, Serial	16 x 16	2	60M	-63	10M	-81	80n	50n	100	21
AD8116	200 MHz, 16 x 16 Buffered Video Crosspoint Switch	PRODUCTION	Serial	16 x 16	1	200M	-60	10M	-105	60n	50n	300	6
AD8106	260 MHz, 16 x 5 Buffered Video Crosspoint Switches	PRODUCTION	Parallel	16 x 5	1	390M	-70	10M	-93	60n	25n	500	6
AD8107	260 MHz, 16 x 5 Buffered Video Crosspoint Switches	PRODUCTION	Parallel	16 x 5	2	260M	-80	10M	-99	60n	25n	500	6
AD8115	Low Cost, 225 MHz, 16 x 16 Crosspoint Switch, G=+2	PRODUCTION	Parallel, Serial	16 x 16	2	200M	-52	10M	-90	60n	50n	450	6.6
AD8114	Low Cost, 225 MHz, 16 x 16 Crosspoint Switch, G=+1	PRODUCTION	Parallel, Serial	16 x 16	1	225M	-60	10M	-90	60n	50n	375	6.6
AD8108	325 MHz, 8 x 8 Buffered Video Crosspoint Switch (Gain = 1)	PRODUCTION	Parallel, Serial	8 x 8	1	325M	-76	10M	-93	60n	25n	400	6
AD8109	325 MHz, 8 x 8 Buffered Video Crosspoint Switch (Gain = 2)	PRODUCTION	Parallel, Serial	8 x 8	2	250M	-83	10M	-98	60n	25n	480	6
MAX4359	Low-Cost 4x4, 8x4, 8x8 Video Crosspoint Switches	PRODUCTION	Serial	4 x 4	1	35M	-70	5M	-80	-	-	250	-
MAX4360	Low-Cost 4x4, 8x4, 8x8 Video Crosspoint Switches	PRODUCTION	Serial	8 x 4	1	35M	-70	5M	-80	-	-	250	-
AD8104	-	PRODUCTION	Parallel, Serial	32 x 16	1	600M	-72	10M	-90	100n	100n	1800	3.8

Buffered Analog Multiplexers

Parts	Description	Product Lifecycle	Interface	Device Configuration	Buffer Amp Gain	BW -3 dB	typ	Cross Talk	typ	Crosstalk Test Frequency	Off Isolation	typ	Enable On Time	typ	Switch Time Chan to Chan	typ	Slew Rate	typ	Vout p-p	typ
AD8182S	Aerospace Dual 2:1 Buffered, 750 MHz, 3.8 mA, 10 ns Switching Multiplexer	PRODUCTION	Parallel	(2:1) x 2	1	930M		-		-	-		-		-		-		3	
ADV3219	800 MHz, 2:1 Analog Multiplexer, Gain = +1	PRODUCTION	Parallel	(2:1) x 1	1	840M		-85		10000000000m	-93		15n		20n		2200		6	
ADV3220	800 MHz, 2:1 Analog Multiplexer, Gain = +2	PRODUCTION	Parallel	(2:1) x 1	2	800M		-77		10000000000m	-87		15n		20n		2800		6	
ADV3221	800 MHz, 4:1 Analog Multiplexer	PRODUCTION	Parallel	(4:1) x 1	1	1G		-100		10000000000m	-86		15n		20n		2400		6	
ADV3222	800 MHz, 4:1 Analog Multiplexer	PRODUCTION	Parallel	(4:1) x 1	2	800M		-78		10000000000m	-91		15n		20n		2700		6	
AD8188	350 MHz Single-Supply (5 V) Triple 2:1 Multiplexer	PRODUCTION	Parallel	(2:1) x 3	1	350M		-78		10000000000m	-75		4n		3.6n		1000		3.2	
AD8189	350 MHz Single-Supply (5 V) Triple 2:1 Multiplexer	PRODUCTION	Parallel	(2:1) x 3	2	350M		-73		10000000000m	-92		3.8n		4n		1000		3	
AD8170	2 Channel Buffered, 250MHz, 10 ns Multiplexer w/Amplifier	PRODUCTION	Parallel	(2:1) x 2	Adjustable	250M		-68		10000000000m	-		17n		7.5n		1000		8.52	
AD8174	4 Channel Buffered, 250 MHz, 10 ns Switching Multiplexer w/Amplifier	PRODUCTION	Parallel	(4:1) x 1	Adjustable	250M		-70		10000000000m	-82		17n		7.5n		1000		8.52	
AD8180	Single, 2:1 Buffered, 750 MHz, 3.8 mA 10 ns Switching Multiplexer	PRODUCTION	Parallel	(2:1) x 1	1	930M		-75		10000000000m	-84		10.5n		5n		750		6.2	
AD8182	Dual 2:1 Buffered, 750 MHz, 3.8 mA, 10 ns Switching Multiplexer	PRODUCTION	Parallel	(2:1) x 2	1	780M		-72		10000000000m	-90		10.5n		5n		750		6.2	
AD8183	380 MHz, 25mA, Triple 2:1, Buffered (Gain = +1) Multiplexer	PRODUCTION	Parallel	(2:1) x 3	1	590M		-76		10000000000m	-100		20n		15n		1000		6.58	
AD8184	700 MHz, 5 mA, 4-to-1, Buffered Video Multiplexer	PRODUCTION	Parallel	(4:1) x 1	1	700M		-89		10000000000m	-109		12n		5n		750		6.4	
AD8185	310 MHz, 25 mA, Triple 2:1, Buffered (Gain = +2) Multiplexer	PRODUCTION	Parallel	(2:1) x 3	2	360M		-68		10000000000m	-100		20n		15n		1150		6.58	

	Description	Product Lifecycle	Interface	Device Configuration	Buffer Amp Gain	BW typ -3 dB	Cross Talk typ	Crosstalk Test Frequency	Off Isolation typ	Enable typ On Time	Switch Time typ Chan to Chan	Slew Rate typ	Vout typ p-p
AD8187	480 MHz, Single Supply, Triple 2:1, Buffered (G= +2) Multiplexer	PRODUCTION	Parallel	(2:1) x 3	2	1G	-73	10000000000m	-92	3.8n	4n	1500	6
MAX4310	High-Speed, Low-Power, Single-Supply Multichannel, Video Multiplexer-Amplifiers	PRODUCTION	Parallel	(2:1) x 1	1	280M	-95	10M	-82	-	-	460	-
MAX4311	High-Speed, Low-Power, Single-Supply Multichannel, Video Multiplexer-Amplifiers	PRODUCTION	Parallel	(2:1) x 1	1	345M	-60	10M	-82	-	-	430	-
MAX4312	High-Speed, Low-Power, Single-Supply Multichannel, Video Multiplexer-Amplifiers	PRODUCTION	Parallel	(2:1) x 1	1	265M	-52	10M	-82	-	-	345	-
MAX4313	High-Speed, Low-Power, Single-Supply Multichannel, Video Multiplexer-Amplifiers	PRODUCTION	Parallel	(2:1) x 1	2	150M	-95	10M	-82	-	-	540	-
MAX4314	High-Speed, Low-Power, Single-Supply Multichannel, Video Multiplexer-Amplifiers	PRODUCTION	Parallel	(2:1) x 1	2	127M	-60	10M	-82	-	-	430	-
MAX4315	High-Speed, Low-Power, Single-Supply Multichannel, Video Multiplexer-Amplifiers	PRODUCTION	Parallel	(2:1) x 1	2	97M	-52	10M	-82	-	-	310	-

Digital Crosspoint Switches

Parts	Description	Product Lifecycle	Device Primary Function	Device Configuration	Data Rate ^{max}	Vs Core ^{typ}	Vs I/O ^{typ}	Interface
ADN4612	11.3 Gbps 12 × 12 Digital Crosspoint Switch	RECOMMENDED FOR NEW DESIGNS	Crosspoint Switch	12 x 12	11.3G	1.8 V, 2.5 V	1.8 V, 2.5 V	I2C/SMBus, SPI
ADN4605	X-Stream™ 4.25 Gbps 40 × 40 Digital Crosspoint Switch	PRODUCTION	Crosspoint Switch	40 x 40	4.25G	2.5 V, 3.3 V	2.5 V, 3.3 V	I2C/SMBus, LVCMOS, Parallel, SPI, TTL/CMOS Compatible
ADN4604	X-STREAM™ 4.25 Gbps, 16 × 16, Digital Crosspoint Switch	PRODUCTION	Crosspoint Switch	16 x 16	4.25G	3.3 V	3.3 V	I2C/SMBus, SPI
AD8155	6.5 Gbps Dual Buffer Mux/Demux	PRODUCTION	2:1/1:2 Mux-DeMux	Dual Lane	6.5G	1.8 V, 2.5 V, 3.3 V	1.8 V, 2.5 V, 3.3 V	I2C/SMBus, LVCMOS, Toggle Pin, TTL/CMOS Compatible
ADN8102	X-stream™ 3.75 Gbps Quad Bidirectional CX4 Equalizer	NOT RECOMMENDED FOR NEW DESIGNS	Bi-Directional Equalizer	Quad Lane	3.75G	1.8 V, 2.5 V, 3.3 V	1.8 V, 2.5 V, 3.3 V	-
AD8158	6.5 Gbps Quad Buffer Mux/Demux	PRODUCTION	2:1/1:2 Mux-DeMux	Quad Lane	6.5G	1.8 V, 2.5 V, 3.3 V	1.8 V, 2.5 V, 3.3 V	I2C/SMBus, LVCMOS, Toggle Pin, TTL/CMOS Compatible
ADN4600	X-Stream™ 4.25 Gbps 8 × 8 Digital Crosspoint Switch	PRODUCTION	Crosspoint Switch	8 x 8	4.25G	1.8 V, 2.5 V, 3.3 V	1.8 V, 2.5 V, 3.3 V	I2C/SMBus
AD8153	Single-Lane 3.2 G 2:1 Mux / 1:2 Demux Switch with Input Equalization and Output Pre-Emphasis	PRODUCTION	2:1/1:2 Mux-DeMux	Single Lane	3.2G	3.3 V	3.3 V	I2C/SMBus, LVCMOS, Toggle Pin, TTL/CMOS Compatible
AD8156	6.25 Gbps, 4 × 4, Digital Crosspoint Switch with EQ	NOT RECOMMENDED FOR NEW DESIGNS	Crosspoint Switch	4 x 4	6.25G	3.3 V	3.3 V	LVCMOS, Parallel, TTL/CMOS Compatible
AD8159	3.2 Gbps Quad Buffer Mux/Demux	PRODUCTION	2:1/1:2 Mux-DeMux	Quad Lane	3.2G	3.3 V	3.3 V	LVCMOS, Toggle Pin, TTL/CMOS Compatible
AD8152	34 × 34, 3.2 Gbps Asynchronous Digital Crosspoint Switch	PRODUCTION	Crosspoint Switch	34 x 34	3.2G	3.3 V	3.3 V	LVCMOS, Parallel, TTL/CMOS Compatible
HMC857	14 Gbps 2 × 2 Crosspoint Switch with Programmable Output Voltage	RECOMMENDED FOR NEW DESIGNS	Crosspoint Switch	2 x 2	14G	-3.3 V	-	-

Level Translators

Parts	Product Lifecycle	Description	High Speed Logic Function	Signal Type - Rx	Signal Type - Tx	# Rx Channels	# Tx Channels typ	Data Rate max	Logic Features	Device Config	Prop Delay max	Comments
MAX31914	PRODUCTION	Ultra-Low Power Industrial, Octal, Digital Input Translator	Logic Level Translators	-	-	-	-	-	-	-	-	Ultra-Low Power Industrial, Octal, Digital Input Translator
MAX31915	PRODUCTION	Industrial, Octal, Digital Input Translator	Logic Level Translators	-	-	-	-	-	-	-	-	Industrial, Octal, Digital Input Translator
MAX31912	PRODUCTION	Ultra-Low Power Industrial, Octal, Digital Input Translator/Serializer	Logic Level Translators, Serializer/De-Serializer	-	-	-	-	-	-	-	-	Ultra-Low Power Industrial, Octal, Digital Input Translator/Serializer
MAX14611	PRODUCTION	Quad Bidirectional Low-Voltage Logic-Level Translator	Logic Level Translators	-	-	4	4	20M	Bidirectional, CMOS/ Push-Pull Drive, Open Drain Drive	4:4	-	Quad Channel Bidirectional Low-Voltage Logic Level Translator
MAX14591	PRODUCTION	High-Speed, Open-Drain Capable Logic-Level Translator	Logic Level Translators	-	-	2	2	16M	Bidirectional, Open Drain Drive	2:2	-	2 Channel High Speed Open Drain Logic Level Translator
MAX14595	PRODUCTION	High-Speed, Open-Drain Capable Logic-Level Translator	Logic Level Translators	-	-	2	2	16M	Bidirectional, Open Drain Drive	2:2	-	2 Channel High Speed Open Drain Logic Level Translator with Low Power
MAX13055E	PRODUCTION	1.62V to 3.6V, 8-Channel, High-Speed LLT	Logic Level Translators	-	-	8	8	100M	Bidirectional, CMOS/ Push-Pull Drive	8:8	-	100Mbps, 8-Channel, Bidirectional Level Translators
MAX13058E	PRODUCTION	1.62V to 3.6V, 8-Channel, High-Speed LLT	Logic Level Translators	-	-	8	8	100M	Bidirectional, CMOS/ Push-Pull Drive	8:8	-	100Mbps, 8-Channel, Bidirectional Level Translators
MAX4895E	PRODUCTION	VGA Port Protector	VGA Port Protector	-	-	-	-	-	-	-	-	VGA Port Protector
MAX13046E	PRODUCTION	Single- and Dual-Bidirectional Low-Level Translator	Logic Level Translators	-	-	1	1	8M	Bidirectional, CMOS/ Push-Pull Drive, Open Drain Drive	1:1	-	Single Channel Bidirectional Level Translator in uDFN
MAX13047E	PRODUCTION	Single- and Dual-Bidirectional Low-Level Translator	Logic Level Translators	-	-	2	2	16M	Bidirectional, CMOS/ Push-Pull Drive, Open Drain Drive	2:2	-	Low Cost Two Channel Bidirectional Level Translator for I2C
ADG3248	PRODUCTION	2.5 V/3.3 V, 2:1 Multiplexer/ Demultiplexer Bus Switch	Level Translation, Serializer/De-Serializer	-	-	2	1	1.244G	-	2:1	225p	2.5 V/3.3 V, 2:1 Multiplexer/ Demultiplexer Bus Switch

	Product Lifecycle	Description	High Speed Logic Function	Signal Type - Rx	Signal Type - Tx	# Rx Channels	# Tx Channels	typ	Data Rate	max	Logic Features	Device Config	Prop Delay	max	Comments
ADG3308	PRODUCTION	Low Voltage, 1.15 V to 5.5 V, 8-Channel Bidirectional Logic Level Translator	Level Translation	-	-	8	8		50M		-	8:8	7n		Low Voltage, 1.15 V to 5.5 V, 8-Channel Bidirectional Logic Level Translators
ADG3308-1	PRODUCTION	Low Voltage, 1.15 V to 5.5 V, 8-Channel Bidirectional Logic Level Translators	Level Translation	-	-	8	8		50M		-	8:8	7n		Low Voltage, 1.15 V to 5.5 V, 8-Channel Bidirectional Logic Level Translators
ADG3300	PRODUCTION	Low Voltage 1.15 V to 5.5 V, 8-Channel Bidirectional Logic Level Translator	Level Translation	-	-	8	8		50M		-	8:8	-		Low Voltage 1.15 V to 5.5 V, 8-Channel Bidirectional Logic Level Translator
MAX13042E	PRODUCTION	1.62V to 3.6V Improved High-Speed LLT	Logic Level Translators	-	-	4	4		100M		Bidirectional, CMOS/ Push-Pull Drive	4:4	-		1.62V to 3.6V Improved High-Speed LLT
MAX3397E	PRODUCTION	Dual Bidirectional Low-Level Translator in µDFN	Logic Level Translators	-	-	2	2		16M		Bidirectional, CMOS/ Push-Pull Drive	2:2	-		Dual Bidirectional Low-Level Translator in µDFN
MAX13030E	PRODUCTION	6-Channel High-Speed Logic-Level Translators	Logic Level Translators	-	-	6	6		100M		Bidirectional, CMOS/ Push-Pull Drive	6:6	-		6-Channel High-Speed Logic-Level Translators
MAX13032E	PRODUCTION	6-Channel High-Speed Logic-Level Translators	Logic Level Translators	-	-	6	6		100M		Bidirectional, CMOS/ Push-Pull Drive	6:6	-		6-Channel High-Speed Logic-Level Translators
MAX13035E	RECOMMENDED FOR NEW DESIGNS	6-Channel High-Speed Logic-Level Translators	Logic Level Translators	-	-	6	6		100M		Bidirectional, CMOS/ Push-Pull Drive	6:6	-		6-Channel High-Speed Logic-Level Translators
MAX6618	PRODUCTION	PECI-to-I ² C Translator	Level Translator	-	-	-	-		-		-	-	-		PECI-to-I ² C Translator
MAX6621	PRODUCTION	PECI-to-I ² C Translator	Level Translator	-	-	-	-		-		-	-	-		PECI-to-I ² C Translator
ADG3242	PRODUCTION	2.5 V/3.3 V, 2-Bit, Common Control Level Translator Bus Switch	Level Translation	-	-	2	2		1.5G		-	2:2	225p		2.5 V/3.3 V, 2-Bit, Common Control Level Translator Bus Switch
ADG3243	PRODUCTION	2.5 V/3.3 V, 2-Bit, Individual Control Level Translator Bus Switch	Level Translation	-	-	2	2		1.5G		-	2:2	225p		2.5 V/3.3 V, 2-Bit, Individual Control Level Translator Bus Switch
ADG3245	PRODUCTION	2.5 V/3.3 V, 8 Bit, 2 Port Level Translator, Bus Switch	Level Translation	-	-	8	8		1.244G		-	8:8	225p		2.5 V/3.3 V, 8 Bit, 2 Port Level Translator, Bus Switch
ADG3246	PRODUCTION	2.5 V/3.3 V, 10 Bit, 2 Port Level Translator, Bus Switch	Level Translation	-	-	10	10		1.244G		-	10:10	225p		2.5 V/3.3 V, 10 Bit, 2 Port Level Translator, Bus Switch

	Product Lifecycle	Description	High Speed Logic Function	Signal Type - Rx	Signal Type - Tx	# Rx Channels	# Tx Channels typ	Data max Rate	Logic Features	Device Config	Prop max Delay	Comments
ADG3247	PRODUCTION	2.5 V/3.3 V, 16-Bit, 2-Port Level Translating, Bus Switch	Level Translation	-	-	16	16	1.244G	-	16:16	225p	2.5 V/3.3 V, 16-Bit, 2-Port Level Translating, Bus Switch
ADG3233	PRODUCTION	Low Voltage 1.65 V to 3.6 V, (Up/Down) Logic Level Translation, Bypass Switch	By-Pass SW, Level Translation	-	-	2	1	10M	-	2:1	6.7n	Low Voltage 1.65 V to 3.6 V, (Up/Down) Logic Level Translation, Bypass Switch
ADG3301	PRODUCTION	Low Voltage 1.15 V to 5.5 V, Single-Channel Bidirectional Logic Level Translator	Level Translation	-	-	1	1	50M	-	1:1	7n	Low Voltage 1.15 V to 5.5 V, Single-Channel Bidirectional Logic Level Translator
ADG3304	PRODUCTION	Low Voltage 1.15 V to 5.5 V, 4 Channel, Bidirectional, Logic Level Translator	Level Translation	-	-	4	4	50M	-	4:4	7n	Low Voltage 1.15 V to 5.5 V, 4 Channel, Bidirectional, Logic Level Translator
ADG3123	PRODUCTION	8 Channel CMOS Logic to High-Voltage Level Translator	Level Translation	-	-	8	8	200k	-	8:8	80n	8 Channel CMOS Logic to High-Voltage Level Translator
MAX3394E	PRODUCTION	±15kV ESD-Protected, High-Drive Current, Dual-/Quad-/Octal-Level Translators with Speed-Up Circuitry	Logic Level Translators	-	-	2	2	6M	Bidirectional, CMOS/ Push-Pull Drive, Open Drain Drive	2:2	-	+/-15kV ESD Protected
MAX3395E	PRODUCTION	±15kV ESD-Protected, High-Drive Current, Dual-/Quad-/Octal-Level Translators with Speed-Up Circuitry	Logic Level Translators	-	-	4	4	6M	Bidirectional, CMOS/ Push-Pull Drive, Open Drain Drive	4:4	-	+/-15kV ESD Protected
MAX13003E	PRODUCTION	Ultra-Low-Voltage Level Translators	Logic Level Translators	-	-	6	6	20M	Bidirectional, CMOS/ Push-Pull Drive, Open Drain Drive	6:6	-	Ultra-Low-Voltage Level Translators
ADG3257	PRODUCTION	High Speed, 3.3 V/5 V Quad 2:1 Mux/Demux (4-Bit, 1 of 2) Bus Switch	Level Translation, Serializer/De-Serializer	-	-	2	4	933M	-	(2:1) x 4	100p	High Speed, 3.3 V/5 V Quad 2:1 Mux/Demux (4-Bit, 1 of 2) Bus Switch
ADG3231	PRODUCTION	Single-Channel Level Translator with Bi-directional 1.65 V to 3.6 V Level Shift	Level Translation	-	-	1	1	10M	-	1:1	6.5n	Single-Channel Level Translator with Bi-directional 1.65 V to 3.6 V Level Shift
ADG3241	PRODUCTION	2.5 V/3.3 V, 1 - Bit, 2 - Port Level Translator Bus Switch	Level Translation	-	-	1	1	1.5G	-	1:1	225p	2.5 V/3.3 V, 1 - Bit, 2 - Port Level Translator Bus Switch

	Product Lifecycle	Description	High Speed Logic Function	Signal Type - Rx	Signal Type - Tx	# Rx Channels	# Tx Channels	typ	Data Rate max	Logic Features	Device Config	Prop Delay max	Comments
MAX13013	PRODUCTION	+1.2V to +3.6V, 0.1µA, 100Mbps, Single-/Dual-/Quad-Level Translators	Logic Level Translators	-	-	1	1		100M	Bidirectional, CMOS/ Push-Pull Drive	1:1	-	Single, 100Mbps, Bi-directional Logic Level Translator
MAX13014	PRODUCTION	+1.2V to +3.6V, 0.1µA, 100Mbps, Single-/Dual-/Quad-Level Translators	Logic Level Translators	-	-	2	2		100M	Bidirectional, CMOS/ Push-Pull Drive	2:2	-	Dual, 100Mbps, Bi-directional Logic Level Translator
MAX3023	PRODUCTION	+1.2V to +3.6V, 0.1µA, 100Mbps, Single-/Dual-/Quad-Level Translators	Logic Level Translators	-	-	4	4		100M	Bidirectional, CMOS/ Push-Pull Drive	4:4	-	Quad, 100Mbps, Bi-directional Logic Level Translator
MAX3013	PRODUCTION	+1.2V to +3.6V, 0.1µA, 100Mbps, 8-Channel Level Translators	Logic Level Translators	-	-	8	8		100M	Bidirectional, CMOS/ Push-Pull Drive	8:8	-	100Mbps, Bi-directional Logic Level Translator
MAX9376	PRODUCTION	LVDS/Anything-to-LVPECL/LVDS Dual Translator	Level Translator	CML, HSTL, LVDS, LVPECL	LVDS, LVPECL	2	2		-	Anything Inputs, Flow-Through Pinout	2:2	600p	Dual 2.0Ghz Anything-to-LVPECL/LVDS Translator
MAX9375	PRODUCTION	Single LVDS/Anything-to-LVPECL Translator	Level Translator	CML, HSTL, LVDS, LVPECL	LVPECL	1	1		-	Anything Inputs, Flow-Through Pinout	1:1	600p	Differential Anything-to-LVPECLTranslator
MAX9377	PRODUCTION	Anything-to-LVPECL/LVDS Translators with Pin-Selectable Divide-by-Four	Level Translator	CML, HSTL, LVDS, LVPECL	LVPECL	1	1		-	Anything Inputs, Flow-Through Pinout	1:1	600p	Differential Anything-to-LVPECLTranslator
MAX9378	PRODUCTION	Anything-to-LVPECL/LVDS Translators with Pin-Selectable Divide-by-Four	Level Translator	CML, HSTL, LVDS, LVPECL	LVDS	1	1		-	Anything Inputs, Flow-Through Pinout	1:1	600p	Differential Anything-to-LVDS Translator
MAX9174	PRODUCTION	670MHz LVDS-to-LVDS and Anything-to-LVDS 1:2 Splitters	Fan-Out Buffer	LVDS	LVDS	1	2		800M	Fail-Safe Inputs, Low Power Shutdown Mode, Power-Down Inputs Tolerate Undershoot/Overshoot, Rx/Tx Hi-Z at Power-Off	1:2	-	670MHz LVDS to LVDS 1:2 splitter
MAX9175	PRODUCTION	670MHz LVDS-to-LVDS and Anything-to-LVDS 1:2 Splitters	Fan-Out Buffer	CML, HSTL, LVDS, LVPECL	LVDS	1	2		800M	Anything Inputs, Low Power Shutdown Mode, Power-Down Inputs Tolerate Undershoot/Overshoot, Rx/Tx Hi-Z at Power-Off	1:2	-	670MHz Anything to LVDS 1:2 splitter

	Product Lifecycle	Description	High Speed Logic Function	Signal Type - Rx	Signal Type - Tx	# Rx Channels	# Tx Channels typ	Data Rate max	Logic Features	Device Config	Prop Delay max	Comments
MAX3000E	PRODUCTION	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 35Mbps, 8-Channel Level Translators	Logic Level Translators	-	-	8	8	230k	Bidirectional, CMOS/ Push-Pull Drive	8:8	-	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 230kbps, 8-Channel Level Translators
MAX3001E	PRODUCTION	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 35Mbps, 8-Channel Level Translators	Logic Level Translators	-	-	8	8	4M	Bidirectional, CMOS/ Push-Pull Drive	8:8	-	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 4Mbps, 8-Channel Level Translators
MAX3002	PRODUCTION	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 35Mbps, 8-Channel Level Translators	Logic Level Translators	-	-	8	8	20M	Bidirectional, CMOS/ Push-Pull Drive	8:8	-	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 20Mbps, 8-Channel Level Translators
MAX3004	PRODUCTION	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 35Mbps, 8-Channel Level Translators	Logic Level Translators	-	-	8	8	20M	CMOS/ Push-Pull Drive, Unidirectional	8:8	-	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 230kbps, 8-Channel Level Translators
MAX3006	PRODUCTION	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 35Mbps, 8-Channel Level Translators	Logic Level Translators	-	-	8	8	20M	CMOS/ Push-Pull Drive, Unidirectional	8:8	-	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 230kbps, 8-Channel Level Translators
MAX3008	PRODUCTION	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 35Mbps, 8-Channel Level Translators	Logic Level Translators	-	-	8	8	20M	CMOS/ Push-Pull Drive, Unidirectional	8:8	-	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 230kbps, 8-Channel Level Translators
MAX3012	PRODUCTION	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 35Mbps, 8-Channel Level Translators	Logic Level Translators	-	-	8	8	20M	CMOS/ Push-Pull Drive, Unidirectional	8:8	-	+1.2V to +5.5V, ±15kV ESD-Protected, 0.1µA, 230kbps, 8-Channel Level Translators
MAX9169	PRODUCTION	4-Port LVDS and LVTTTL-to-LVDS Repeaters	Fan-Out Buffer	LVDS	LVDS	1	4	630M	Fail-Safe Inputs	-	-	4-Port LVDS-to-LVDS Repeaters
MAX9173	PRODUCTION	Quad LVDS Line Receiver with Flow-Through Pinout and "In-Path" Fail-Safe	Level Translator	LVDS	LVC MOS, LVTTTL	4	4	500M	Flow-Through Pinout, Inline Fail-Safe	4:4	2.7n	Quad LVDS Line Receiver with Flow-Through Pinout and In-Path Fail-Safe
MAX9172	PRODUCTION	Single/Dual LVDS Line Receivers with "In-Path" Fail-Safe	Level Translator	LVDS	CMOS, LVTTTL	2	2	500M	Flow-Through Pinout, Inline Fail-Safe	2:2	2.5n	Dual LVDS Line Receiver with In-Path Fail-Safe
MAX9310	PRODUCTION	1:5 Clock Driver with Selectable LVPECL Inputs and LVDS Outputs	Fan-Out Buffer, Level Translator	HSTL, LVPECL	LVDS	2	5	-	Differential Input Mux, Fail-Safe Inputs	2:5	600p	1:5 LVPECL to LVDS CLock and Data Driver

	Product Lifecycle	Description	High Speed Logic Function	Signal Type - Rx	Signal Type - Tx	# Rx Channels	# Tx Channels typ	Data Rate max	Logic Features	Device Config	Prop Delay max	Comments
MAX9310A	PRODUCTION	1:5 Clock Driver with Selectable LVPECL Inputs/Single-Ended Inputs and LVDS Outputs	Fan-Out Buffer, Level Translator	HSTL, LVPECL	LVDS	2	5	-	Differential Input Mux, Fail-Safe Inputs	2:5	600p	1:5 LVPECL to LVDS CLock and Data Driver
MAX9370	PRODUCTION	LVTTTL/TTL-to-Differential LVPECL/PECL Translators	Level Translator	CMOS, LVTTTL, TTL	LVPECL, PECL	2	2	-	Fail-Safe Inputs	2:2	400p	LVTTTL/TTL-to-Differential LVPECL/PECL Translator
MAX9371	PRODUCTION	LVTTTL/TTL-to-Differential LVPECL/PECL Translators	Level Translator	CMOS, LVTTTL, TTL	LVPECL, PECL	1	1	-	Fail-Safe Inputs	1:1	400p	LVTTTL/TTL-to-Differential LVPECL/PECL Translator
MAX9372	PRODUCTION	LVTTTL/TTL-to-Differential LVPECL/PECL Translators	Level Translator	CMOS, LVTTTL, TTL	LVPECL, PECL	2	2	-	Fail-Safe Inputs	2:2	400p	LVTTTL/TTL-to-Differential LVPECL/PECL Translator
MAX9320B	PRODUCTION	1:2 Differential PECL/ECL /LVPECL/LVECL Clock and Data Driver	Fan-Out Buffer	ECL, HSTL, LVECL, LVPECL, PECL	ECL, LVECL, LVPECL, PECL	1	2	-	Fail-Safe Inputs	1:2	-	1:2 Differential LVPECL/LVECL/HSTL Clock and Data Driver
MAX9374	PRODUCTION	Differential LVPECL-to-LVDS Translators	Level Translator	LVPECL	LVDS	1	1	-	Fail-Safe Inputs, Flow-Through Pinout	1:1	400p	Differential LVPECL-to-LVDS Translator
MAX9374A	PRODUCTION	Differential LVPECL-to-LVDS Translators	Level Translator	LVPECL	LVDS	1	1	-	Fail-Safe Inputs, Flow-Through Pinout	1:1	400p	Differential LVPECL-to-LVDS Translator
MAX3372E	PRODUCTION	±15kV ESD-Protected, 1µA, 16Mbps, Dual/Quad Low-Voltage Level Translators in UCSP	Logic Level Translators	-	-	2	2	230k	Bidirectional, CMOS/ Push-Pull Drive, Open Drain Drive	2:2	-	±15kV ESD Protected
MAX3373E	PRODUCTION	±15kV ESD-Protected, 1µA, 16Mbps, Dual/Quad Low-Voltage Level Translators in UCSP	Logic Level Translators	-	-	2	2	16M	Bidirectional, CMOS/ Push-Pull Drive, Open Drain Drive	2:2	-	±15kV ESD Protected
MAX3374E	PRODUCTION	±15kV ESD-Protected, 1µA, 16Mbps, Dual/Quad Low-Voltage Level Translators in UCSP	Logic Level Translators	-	-	2	2	16M	CMOS/ Push-Pull Drive, Open Drain Drive	2:2	-	±15kV ESD Protected
MAX3375E	PRODUCTION	±15kV ESD-Protected, 1µA, 16Mbps, Dual/Quad Low-Voltage Level Translators in UCSP	Logic Level Translators	-	-	2	2	16M	CMOS/ Push-Pull Drive, Open Drain Drive	2:2	-	±15kV ESD Protected

	Product Lifecycle	Description	High Speed Logic Function	Signal Type - Rx	Signal Type - Tx	# Rx Channels	# Tx Channels typ	Data Rate max	Logic Features	Device Config	Prop Delay max	Comments
MAX3377E	PRODUCTION	±15kV ESD-Protected, 1µA, 16Mbps, Dual/Quad Low-Voltage Level Translators in UCSP	Logic Level Translators	-	-	4	4	230k	Bidirectional, CMOS/ Push-Pull Drive, Open Drain Drive	4:4	-	±15kV ESD Protected
MAX3378E	PRODUCTION	±15kV ESD-Protected, 1µA, 16Mbps, Dual/Quad Low-Voltage Level Translators in UCSP	Logic Level Translators	-	-	4	4	16M	Bidirectional, CMOS/ Push-Pull Drive, Open Drain Drive	4:4	-	±15kV ESD Protected
MAX3379E	PRODUCTION	±15kV ESD-Protected, 1µA, 16Mbps, Dual/Quad Low-Voltage Level Translators in UCSP	Logic Level Translators	-	-	4	4	16M	CMOS/ Push-Pull Drive, Open Drain Drive	4:4	-	±15kV ESD Protected
MAX3390E	PRODUCTION	±15kV ESD-Protected, 1µA, 16Mbps, Dual/Quad Low-Voltage Level Translators in UCSP	Logic Level Translators	-	-	4	4	16M	CMOS/ Push-Pull Drive, Open Drain Drive	4:4	-	±15kV ESD Protected
MAX3391E	PRODUCTION	±15kV ESD-Protected, 1µA, 16Mbps, Dual/Quad Low-Voltage Level Translators in UCSP	Logic Level Translators	-	-	4	4	16M	Bidirectional, CMOS/ Push-Pull Drive, Open Drain Drive	4:4	-	±15kV ESD Protected
MAX3392E	PRODUCTION	±15kV ESD-Protected, 1µA, 16Mbps, Dual/Quad Low-Voltage Level Translators in UCSP	Logic Level Translators	-	-	4	4	16M	CMOS/ Push-Pull Drive, Open Drain Drive	4:4	-	±15kV ESD Protected
MAX3393E	PRODUCTION	±15kV ESD-Protected, 1µA, 16Mbps, Dual/Quad Low-Voltage Level Translators in UCSP	Logic Level Translators	-	-	4	4	16M	CMOS/ Push-Pull Drive, Open Drain Drive	4:4	-	±15kV ESD Protected
MAX9315	PRODUCTION	1:5 Differential LVPECL/LVECL/HSTL Clock and Data Driver	Fan-Out Buffer	HSTL, LVECL, LVPECL	LVECL, LVPECL	2	5	-	Differential Input Mux, Fail-Safe Inputs, Synchronous Output Enable	1:5	-	1:5 Differential LVPECL/LVECL/HSTL Clock and Data Driver
MAX9130	PRODUCTION	Single 500Mbps LVDS Line Receiver in SC70	Level Translator	LVDS	CMOS, LVTTTL	1	1	-	Fail-Safe Inputs, Rx Hi-Z at Power-Off	1:1	3n	Single 500Mbps LVDS Line Receiver in SC70
MAX9153	PRODUCTION	Low-Jitter, 800Mbps, 10-Port LVDS Repeaters with 100Ω Drive	Fan-Out Buffer	LVDS	LVDS	1	10	800M	Fail-Safe Inputs, Tx Hi-Z at Power-Off	-	-	Low-Jitter, 800Mbps, 10-Port LVDS Repeaters with 100 ohm Drive
MAX9129	PRODUCTION	Quad Bus LVDS Driver with Flow-Through Pinout	Level Translator	CMOS, LVTTTL	LVDS	4	4	200M	Flow-Through Pinout, Tx Hi-Z at Power-Off, Tx Hi-Z Enable Pins	4:4	3n	Quad Bus LVDS Driver with Flow-Through Pinout

	Product Lifecycle	Description	High Speed Logic Function	Signal Type - Rx	Signal Type - Tx	# Rx Channels	# Tx Channels typ	Data max Rate	Logic Features	Device Config	Prop max Delay	Comments
MAX9121	PRODUCTION	Quad LVDS Line Receivers with Integrated Termination and Flow-Through Pinout	Level Translator	LVDS	CMOS, LVTTTL	4	4	500M	Fail-Safe Inputs, Flow-Through Pinout	4:4	2.7n	Quad LVDS Line Receivers with Integrated Termination and Flow-Through Pinout
MAX9122	PRODUCTION	Quad LVDS Line Receivers with Integrated Termination and Flow-Through Pinout	Level Translator	LVDS	CMOS, LVTTTL	4	4	500M	Fail-Safe Inputs, Flow-Through Pinout, Integrated Input Termination	4:4	2.7n	Quad LVDS Line Receivers with Integrated Termination and Flow-Through Pinout
MAX9311	PRODUCTION	1:10 Differential LVPECL/LVECL/HSTL Clock and Data Drivers	Fan-Out Buffer	HSTL, LVECL, LVPECL	LVECL, LVPECL	2	10	-	Differential Input Mux, Fail-Safe Inputs	1:10	-	1:10 Differential LVPECL/LVECL/HSTL Clock and Data Drivers
MAX9312	PRODUCTION	Dual 1:5 Differential LVPECL/LVECL/HSTL Clock and Data Drivers	Fan-Out Buffer	HSTL, LVECL, LVPECL	LVECL, LVPECL	2	10	-	Fail-Safe Inputs	1:5	-	Dual 1:5 Differential LVPECL/LVECL/HSTL Clock and Data Drivers
MAX9320	PRODUCTION	1:2 Differential LVPECL/LVECL/HSTL Clock and Data Drivers	Fan-Out Buffer	HSTL, LVECL, LVPECL	LVECL, LVPECL	1	2	-	Fail-Safe Inputs	1:2	-	1:2 Differential LVPECL/LVECL/HSTL Clock and Data Drivers
MAX9320A	PRODUCTION	1:2 Differential LVPECL/LVECL/HSTL Clock and Data Drivers	Fan-Out Buffer	HSTL, LVECL, LVPECL	LVECL, LVPECL	1	2	-	Fail-Safe Inputs	1:2	-	1:2 Differential LVPECL/LVECL/HSTL Clock and Data Driver
MAX9123	PRODUCTION	Quad LVDS Line Driver with Flow-Through Pinout	Level Translator	CMOS, LVTTTL	LVDS	4	4	800M	Active-High/Low Enables, Flow-Through Pinout	4:4	1.7n	Quad LVDS Line Driver with Flow-Through Pinout
MAX3370	PRODUCTION	1µA, 2Mbps, Low-Voltage Level Translators in SC70 and µDFN	Logic Level Translators	-	-	1	1	2M	Bidirectional, CMOS/ Push-Pull Drive, Open Drain Drive	1:1	-	2Mbps Bidirectional Level Translator
MAX3371	PRODUCTION	1µA, 2Mbps, Low-Voltage Level Translators in SC70 and µDFN	Logic Level Translators	-	-	-	-	2M	Bidirectional, CMOS/ Push-Pull Drive, Open Drain Drive	-:-	-	1µA, 2Mbps Bidirectional Level Translator
MAX9110	PRODUCTION	Single/Dual LVDS Line Driver with Ultra-Low Differential Skew in SOT23	Level Translator	CMOS, LVTTTL	LVDS	1	1	500M	Flow-Through Pinout, Tx Hi-Z at Power-Off	1:1	2.5n	Single LVDS Line Driver with Ultra-Low Pulse Skew in SOT23
MAX9112	PRODUCTION	Single/Dual LVDS Line Driver with Ultra-Low Differential Skew in SOT23	Level Translator	CMOS, LVTTTL	LVDS	2	2	500M	Flow-Through Pinout, Tx Hi-Z at Power-Off	2:2	2.5n	Dual LVDS Line Drivers with Ultra-Low Pulse Skew in SOT23
MAX9150	PRODUCTION	Low-Jitter, 10-Port LVDS Repeater	Fan-Out Buffer	LVDS	LVDS	1	10	400M	Fail-Safe Inputs, Low Power Shutdown Mode, Rx Hi-Z at Power-Off	-	-	Low-Jitter, 10-Port LVDS Repeater

	Product Lifecycle	Description	High Speed Logic Function	Signal Type - Rx	Signal Type - Tx	# Rx Channels	# Tx Channels	typ	Data max Rate	Logic Features	Device Config	Prop max Delay	Comments
MAX9111	PRODUCTION	Single/Dual LVDS Line Receivers with Ultra-Low Pulse Skew in SOT23	Level Translator	LVDS	CMOS, LVTTTL	1	1		500M	Fail-Safe Inputs, Flow-Through Pinout, Rx Hi-Z at Power-Off	1:1	2.5n	Single LVDS Line Receiver with Ultra-Low Pulse Skew in SOT23
MAX9113	PRODUCTION	Single/Dual LVDS Line Receivers with Ultra-Low Pulse Skew in SOT23	Level Translator	LVDS	CMOS, LVTTTL	2	2		500M	Fail-Safe Inputs, Flow-Through Pinout, Rx Hi-Z at Power-Off	2:2	2.5n	Dual LVDS Line Receivers with Ultra-Low Pulse Skew in SOT23

MEMS Switches

Parts	Description	Product Lifecycle	Device Config	Freq Responsemin	Freq Responsemax	Switch Ronmax	Insertion Loss typ	Off Isolation typ	IIP3 typ	Input Powermax	Specified at Freq
ADGM1121	0 Hz/DC to 18 GHz, DPDT, MEMS Switch	RECOMMENDED FOR NEW DESIGNS	(2:1) x 2	0	16G	3	0.5	21	73	33	6G
ADGM1144	0 Hz/DC to 18 GHz, SP4T, MEMS Switch	RECOMMENDED FOR NEW DESIGNS	(4:1) x 1	0	18G	3	0.5	18.5	73	33	6G
ADGM1001	0 Hz/DC to 34 GHz, SPDT MEMS Switches	RECOMMENDED FOR NEW DESIGNS	(2:1) x 1	0	34G	6.5	1.4	21	65	33	30G
ADGM1002	0 Hz/DC to 20 GHz, SPDT MEMS Switches	RECOMMENDED FOR NEW DESIGNS	(2:1) x 1	0	20G	6.5	0.8	23	65	30	18G
ADGM1003	0 Hz/DC to 16 GHz, SPDT MEMS Switches	RECOMMENDED FOR NEW DESIGNS	(2:1) x 1	0	16G	-	0.5	32	65	27	6G
ADGM1004	0 Hz/DC to 13 GHz, 2.5 kV HBM ESD, SP4T, MEMS Switch with Integrated Driver	RECOMMENDED FOR NEW DESIGNS	(4:1) x 1	0	13G	2.9	0.45	24	67	32	2.5G
ADGM1304	0 Hz/dc to 14 GHz, Single-Pole, Four-Throw MEMS Switch with Integrated Driver	RECOMMENDED FOR NEW DESIGNS	(4:1) x 1	0	14G	2.9	0.26	24	69	36	2.5G

Relay Drivers

Parts	Description	Product Lifecycle	# Channels	ISOURCE @2.7V	RON @2.7Vmax	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

RF Switches

Parts	Description	Product Lifecycle	RF Switch Config	RF Features	Freq Response RF ^{min}	Freq Response RF ^{max}	Insertion Loss ^{typ}	Off Isolation ^{typ}	Input Power ^{max}	Specified at Freq	IIP3 ^{typ}	Absorptive/Reflective
ADRF5142	High Power, 40 W Peak, Silicon SPDT, Reflective Switch, 8 GHz to 11 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon	11G	8G	1.2	40	46	11G	70	Reflective
ADRF5048	Silicon SP4T Switch, Nonreflective, 100 MHz to 45 GHz	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon	100M	45G	2.4	35	30	40G	52	Non-Reflective
ADRF5022	Silicon SPDT Switch, Nonreflective, 100 MHz to 45 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	100M	45G	1.9	50	30	40G	55	Non-Reflective
ADRF5080	Reflective, Silicon SP8T Switch, 100 MHz to 20 GHz	RECOMMENDED FOR NEW DESIGNS	SP8T	-	100M	20G	2	40	33	20G	55	Reflective
ADRF5054	1 GHz to 60 GHz, Reflective, Silicon SP4T Switch	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon	1G	60G	2.8	34	24	55G	47	Reflective
ADRF5347	High Linearity, Silicon SP4T Switch, 1.8 GHz to 3.8 GHz	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon	1.8G	3.8G	0.42	27	39	3.8G	84	Reflective
ADL8112	10 MHz to 26.5 GHz Amplifier with Bypass Switches	RECOMMENDED FOR NEW DESIGNS	-	-	10M	26.5G	-	-	-	14G	-	-
ADRF5534	3.1 GHz to 4.2 GHz, Receiver Front End	RECOMMENDED FOR NEW DESIGNS	-	1-stage LNA, High Power SPDT	3.1G	4.2G	0.8	-	37	3.6G	-	-
ADRF5032	1 GHz to 60 GHz, Reflective, Silicon SPDT Switch	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon	1G	60G	1.9	37	24	55G	45	Reflective
ADRF5050	Nonreflective, Silicon SP4T Switch, 100 MHz to 20 GHz	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon (SOI)	100M	20G	1.2	47	33	20G	55	Non-Reflective
ADRF5049	Silicon SP4T Switch, Nonreflective, 9 kHz to 45 GHz	RECOMMENDED FOR NEW DESIGNS	SP4T	-	9k	45G	2.2	40	30	40G	50	Non-Reflective
ADRF5023	Silicon SPDT Switch, Nonreflective , 9 kHz to 45 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	9k	45G	1.6	42	30	40G	53	Non-Reflective
ADRF5144	10 W Average, Silicon SPDT, Reflective Switch, 1 GHz to 20 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon	1G	20G	0.8	52	43	20G	70	Reflective

	Description	Product Lifecycle	RF Switch Config	RF Features	Freq Response RF _{min}	Freq Response RF _{max}	Insertion Loss _{typ}	Off Isolation _{typ}	Input Power _{max}	Specified at Freq	IIP3 _{typ}	Absorptive/Reflective
ADRF5141	Silicon, Transmit and Receive Switch with Limiter, 6 GHz to 12 GHz	RECOMMENDED FOR NEW DESIGNS	T/R with Limiter	Silicon	6G	12G	0.9	55	40	12G	58	Reflective
ADRF5301	Silicon, SPDT Switch, 37 GHz to 49 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	37G	49G	1.4	30	28	40G	52	Reflective
ADH347S	Aerospace GaAs, SPDT Switch, Non-reflective, DC to 14 GHz (LH5 Pkg), DC to 20 GHz (Die)	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	0	20G	3	45	27	-	43	Non-Reflective
ADRF5345	High Linearity, Silicon SP4T Switch, 1.8 GHz to 3.8 GHz	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon (SOI)	1.8G	3.8G	0.35	32	50	2.8G	84	Reflective
ADRF5424	Die on Carrier, Silicon SPDT Switch, 100 MHz to 60 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Die-on-Carrier (DoC), Silicon (SOI)	100M	60G	1.3	35	27	40G	50	Reflective, Reflective Short
ADRF5515A	Dual-Channel, 3.3 GHz to 4.0 GHz, 20 W Receiver Front End	RECOMMENDED FOR NEW DESIGNS	-	-	3.3G	4G	0.5	-	43	3.6G	-	-
ADRF5519	Dual-Channel, 2.3 GHz to 2.8 GHz, 20 W Receiver Front End	RECOMMENDED FOR NEW DESIGNS	RX Front End, SPDT	2-Stage LNA, High Power SPDT	2.3G	2.8G	0.5	20	43	2.6G	-	Reflective
ADH244S	DC to 4 GHz SP4T Non-Reflective Switch	RECOMMENDED FOR NEW DESIGNS	-	-	-	-	2	-	27	-	43	-
ADRF5515	Dual-Channel, 3.3 GHz to 4.0 GHz, 20 W Receiver Front End	RECOMMENDED FOR NEW DESIGNS	RX Front End, SPDT	2-Stage LNA, High Power SPDT	3.4G	3.8G	0.45	18.5	43	3.6G	-	Reflective
ADRF5300	Silicon SPDT Switch, Reflective, 24 GHz to 32 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	24G	32G	1.1	38	28	30G	65	Reflective
ADRF5042	Nonreflective, 100 MHz to 44 GHz Silicon SP4T Switch	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon (SOI)	100M	44G	2.8	39	24	40G	47	Non-Reflective
ADRF5043	Nonreflective, 9 kHz to 44 GHz Silicon SP4T Switch	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon (SOI)	9k	44G	2.4	39	24	40G	48	Non-Reflective
ADTR1107	6 GHz to 18 GHz, Front-End IC	RECOMMENDED FOR NEW DESIGNS	SPDT	High Power SPDT, LNA, PA	6G	18G	-	-	-	12G	-	Reflective
ADRF5047	Silicon SP4T Switch, Reflective, 9 kHz to 44 GHz	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon (SOI)	9k	44G	2.7	37	27	40G	50	Reflective, Reflective Short

	Description	Product Lifecycle	RF Switch Config	RF Features	Freq Response RF _{min}	Freq Response RF _{max}	Insertion Loss _{typ}	Off Isolation _{typ}	Input Power _{max}	Specified at Freq	IIP3 _{typ}	Absorptive/Reflective
ADRF5547	Dual-Channel, 3.7 GHz to 5.3 GHz, Receiver Front End	RECOMMENDED FOR NEW DESIGNS	RX Front End, SPDT	2-Stage LNA, High Power SPDT	3.7G	5.3G	0.5	25	40	4.6G	-	Reflective, Reflective Open
ADRF5549	Receiver Front End, Dual-Channel, 1.8 GHz to 2.8 GHz	RECOMMENDED FOR NEW DESIGNS	RX Front End, SPDT	2-Stage LNA, High Power SPDT	1.8G	2.8G	0.6	25	40	2.3G	-	Reflective, Reflective Open
ADRF5019	Silicon, SPDT Switch, Nonreflective, 100 MHz to 13 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	100M	13G	0.8	45	35	8G	60	Non-Reflective
ADL8111	10 MHz to 8 GHz Bypass Amplifier	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon (SOI)	10M	8G	2	-	20	-	-	Non-Reflective
ADRF5545A	Dual-Channel, 2.4 GHz to 4.2 GHz Receiver Front End	RECOMMENDED FOR NEW DESIGNS	RX Front End, SPDT	2-Stage LNA, High Power SPDT	2.4G	4.2G	0.65	25	40	3.6G	-	Reflective, Reflective Open
ADRF5046	Silicon SP4T Switch, Reflective, 100 MHz to 44 GHz	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon (SOI)	100M	44G	2.5	33	27.5	40G	50	Reflective, Reflective Short
ADRF5027	Silicon SPDT Switch, Nonreflective, 9 kHz to 44 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	9k	44G	2.2	48	24	40G	54	Non-Reflective
ADRF5026	Silicon SPDT Switch, Nonreflective, 100 MHz to 44 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	100M	44G	2.4	50	24	40G	53	Non-Reflective
HMC347B	GaAs, SPDT Switch, Nonreflective, 0.1 GHz to 20 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	100M	20G	1.7	45	27	20G	41	Non-Reflective
ADRF5024	Silicon SPDT Switch Reflective, 100 MHz to 44 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	100M	44G	1.4	36	27	40G	50	Reflective, Reflective Short
ADRF5025	Silicon SPDT Switch, Reflective, 9 kHz to 44 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	9k	44G	1.4	36	27	40G	50	Reflective, Reflective Short
ADRF5160	High Power, 88 W Peak, Silicon SPDT, Reflective Switch, 0.7 GHz to 4.0 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	700M	4G	0.8	40	47.5	3.5G	70	Reflective, Reflective Open
ADRF5045	9 kHz to 30 GHz, Silicon, SP4T Switch	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon (SOI)	9k	30G	2.4	45	24	30G	50	Non-Reflective
ADRF5044	100 MHz to 30 GHz, Silicon, SP4T Switch	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon (SOI)	100M	30G	2.6	43	24	30G	50	Non-Reflective

	Description	Product Lifecycle	RF Switch Config	RF Features	Freq Response RF ^{min}	Freq Response RF ^{max}	Insertion Loss ^{typ}	Off Isolation ^{typ}	Input Power ^{max}	Specified at Freq	IIP3 ^{typ}	Absorptive/Reflective
ADRF5132	High Power, 20 W Peak, Silicon SPDT, Reflective Switch, 0.7 GHz to 5.0 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	700M	5G	0.65	42	43	3.5G	65	Reflective, Reflective Open
HMC641ALP4E	0.1 GHz to 20 GHz GaAs, Nonreflective, SP4T Switch	PRODUCTION	SP4T	GaAs	100M	20G	3	40	26.5	20G	41	Non-Reflective
ADRF5250	0.1 GHz to 6 GHz Silicon SP5T Switch	RECOMMENDED FOR NEW DESIGNS	SP5T	Silicon (SOI)	100M	6G	1.5	50	33	4G	57	Non-Reflective
HMC435A	SPDT Non-Reflective Switch, DC - 4 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	0	4G	1.2	40	31	4G	51	Non-Reflective
HMC784A	GaAs MMIC 10 Watt T/R Switch DC - 4 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT, T/R	GaAs	0	4G	0.6	30	39	2G	62	Reflective, Reflective Short
HMC349AMS8G	High Isolation, Nonreflective, GaAs, SPDT Switch,100 MHz to 4 GHz	PRODUCTION	SPDT	GaAs	100M	4G	1.8	45	33.5	4G	52	Non-Reflective
HMC232A	GaAs, SPDT Switch, Nonreflective, 100 MHz to 12 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	0	12G	1.5	60	30.9	6G	48	Non-Reflective
HMC347A-Die	GaAs, SPDT Switch, Nonreflective, 0.1 GHz to 20 GHz	PRODUCTION	SPDT	GaAs	0	20G	2.1	40	27	20G	45	Non-Reflective
HMC347ALP3E	GaAs MMIC SPDT Non-Reflective Switch, DC - 14 GHz	PRODUCTION	SPDT	GaAs	0	14G	2	40	27	14G	47	Non-Reflective
HMC547ALP3E	GaAs MMIC SPDT Non-Reflective Switch, DC - 20 GHz	PRODUCTION	SPDT	GaAs	0	20G	2	38	25	18G	45	Non-Reflective
ADRF5020	100 MHz to 30 GHz, Silicon SPDT Switch	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	0.1G	30G	2	60	24	30G	52	Non-Reflective
ADRF5021	9 kHz to 30 GHz, Silicon SPDT Switch	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	9k	30G	2	60	24	30G	52	Non-Reflective
ADRF5040	High Isolation, Silicon SP4T, Nonreflective Switch, 9 kHz to 12.0 GHz	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon (SOI)	9k	12G	0.8	34	33	8G	58	Non-Reflective
ADRF5130	High Power, 44 W Peak, Silicon SPDT, Reflective Switch, 0.7 GHz to 3.5 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	0.7G	3.5G	0.7	41	44.5	3.5G	65	Reflective, Reflective Open

	Description	Product Lifecycle	RF Switch Config	RF Features	Freq Response RFmin	Freq Response RFmax	Insertion Loss typ	Off Isolation typ	Input Power max	Specified at Freq	IIP3 typ	Absorptive/Reflective
HMC986A	0.1 GHz to 50 GHz, GaAs, MMIC Reflective SPDT Switch	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	0.1G	50G	2.3	32	25	40G	40	Reflective, Reflective Short
HMC270A	GaAs MMIC SPDT Switch Non-Reflective DC -8 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	0G	8G	1	45	29	6G	42	Non-Reflective
HMC574A	GaAs MMIC 5 Watt T/R Switch DC - 3 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT, T/R	GaAs	0	3G	0.3	28	39	2G	63	Reflective, Reflective Short
HMC641A-Die	0.1 GHz to 18 GHz, GaAs SP4T Switch	RECOMMENDED FOR NEW DESIGNS	SP4T	GaAs	100M	18G	2.1	42	24	12G	41	Non-Reflective
HMC7992	Nonreflective, Silicon SP4T Switch, 0.1 GHz to 6.0 GHz	RECOMMENDED FOR NEW DESIGNS	SP4T	Silicon (SOI)	0.1G	6G	0.7	37	33	4G	58	Non-Reflective
ADH232S	High Isolation SPDT Switch DC-16 GHz Die	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	0	12G	1.5	60	30.9	6G	48	Non-Reflective
HMC1118	High Isolation, Silicon SPDT, Nonreflective Switch, 9 kHz to 13.0 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	9k	13G	0.68	48	35	8G	62	Non-Reflective
HMC8038	High Isolation, Silicon SPDT, Nonreflective Switch, 0.1 GHz to 6.0 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	Silicon (SOI)	0.1G	6G	0.8	60	34	4G	60	Non-Reflective
HMC244A	GaAs MMIC SP4T Non-Reflective Switch, DC - 4 GHz	RECOMMENDED FOR NEW DESIGNS	SP4T	GaAs	0	4G	0.8	40	27	2G	47	Non-Reflective
HMC284A	SPDT, Non-Reflective Switch SMT, DC - 3.5 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	0	3.5G	0.5	45	26	2G	50	Non-Reflective
MAX12005	Satellite IF Switch	PRODUCTION	8x4 Matrix	SiGe	950M	2.15G	-	-	-	-	-	-
ADG904	Wideband 2.5 GHz, 37 dB Isolation at 1 GHz, CMOS 1.65 V to 2.75 V, 4:1 Mux/SP4T	PRODUCTION	SP4T	CMOS	0	2.5G	1.1	37	-	1G	31	Non-Reflective, Reflective
ADG918	Wideband, 43 dB Isolation at 1 GHz, CMOS 1.65 V to 2.75 V, 2:1 Mux/SPDT Switches	PRODUCTION	SPDT	CMOS	0	4G	0.8	43	-	1G	36	Non-Reflective
ADG919	Wideband, 43 dB Isolation at 1 GHz, CMOS 1.65 V to 2.75 V, 2:1 Mux/SPDT Switches	PRODUCTION	SPDT	CMOS	0	4G	0.8	43	-	1G	36	Reflective
ADG936	Wideband 4 GH z, 36 dB Isolation at 1 GHz, CMOS 1.65 V to 2.75 V, Dual SPDT	PRODUCTION	SPDT	CMOS	0	4G	0.9	36	-	1G	32	Non-Reflective, Reflective

	Description	Product Lifecycle	RF Switch Config	RF Features	Freq Response RF _{min}	Freq Response RF _{max}	Insertion Loss _{typ}	Off Isolation _{typ}	Input Power _{max}	Specified at Freq	IIP3 _{typ}	Absorptive/Reflective
ADG902	0 Hz to 4.5 GHz, 40 dB Off Isolation at 1 GHz, 17 dBm P1dB at 1 GHz SPST Switches	PRODUCTION	SPST	CMOS	0	4.5G	0.8	20	-	1G	36	Reflective
ADG901	0 Hz to 4.5 GHz, 40 dB Off Isolation at 1 GHz, 17 dBm P1dB at 1 GHz SPST Switches	PRODUCTION	SPST	CMOS	0	4.5G	0.8	40	-	1G	36	Non-Reflective
HMC241ALP3E	GaAs, Nonreflective, SP4T Switch 100 MHz to 4 GHz	PRODUCTION	SP4T	GaAs	100M	4G	0.7	43	28.5	2G	47	Non-Reflective
HMC1055	0.5 GHz to 4.0 GHz, GaAs, SPST Switch	RECOMMENDED FOR NEW DESIGNS	SPST	GaAs	0.5G	4G	0.7	36	34	2G	60	Non-Reflective
HMC1084	GaAs MMIC SP4T Reflective Switch, 23 - 30 GHz	RECOMMENDED FOR NEW DESIGNS	SP4T	GaAs	23G	30G	2.8	26	30	25G	47	Reflective, Reflective Short
HMC190B	GaAs MMIC SPDT Switch SMT, DC - 3 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	0	3G	0.4	30	34	2G	55	Reflective, Reflective Open
HMC194A	SPDT Hi Isolation Switch SMT, DC - 3 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	0	3G	0.5	45	27	2G	53	Reflective, Reflective Open
HMC197B	GaAs MMIC SOT26 SPDT Switch, DC - 3 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	0	3G	0.4	30	34	2G	55	Reflective, Reflective Short
HMC199A	Dual SPDT Switch, DC - 2.5 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	0	2.5G	0.4	25	29.3	2G	55	Reflective, Reflective Open
HMC221BE	GaAs, MMIC, SPDT Switch, 10 kHz to 3 GHz	PRODUCTION	SPDT	GaAs	10k	3G	0.4	30	31	2G	55	Reflective, Reflective Short
HMC241AQS16	GaAs MMIC SP4T Non-Reflective Switch, DC - 3.5 GHz	PRODUCTION	SP4T	GaAs	0	3.5G	0.7	40	28.5	2G	48	Non-Reflective
HMC245A	GaAs MMIC SP3T Non-Reflective Switch, DC - 3.5 GHz	RECOMMENDED FOR NEW DESIGNS	SP3T	GaAs	0	3.5G	0.7	42	28.5	2G	48	Non-Reflective
HMC252A	GaAs MMIC SP6T Non-Reflective Switch, DC - 3 GHz	RECOMMENDED FOR NEW DESIGNS	SP6T	GaAs	0	3G	0.8	45	29.8	2.5G	47	Non-Reflective
HMC253ALC4	GaAs MMIC SP8T Non-reflective Switch SMT, DC to 3.5 GHz	PRODUCTION	SP8T	GaAs	0	3.5G	1.1	43	25	2G	43	Non-Reflective
HMC253AQS24	GAAS MMIC SP8T Non-Reflective Switch, DC - 2.5 GHz	PRODUCTION	SP8T	GaAs	0	2.5G	1.1	35	25	2G	46	Non-Reflective

	Description	Product Lifecycle	RF Switch Config	RF Features	Freq Response RF _{min}	Freq Response RF _{max}	Insertion Loss _{typ}	Off Isolation _{typ}	Input Power _{max}	Specified at Freq	IIP3 _{typ}	Absorptive/Reflective
HMC321A	GaAs MMIC SP8T Non-Reflective Positive Control Switch, DC - 8 GHz	RECOMMENDED FOR NEW DESIGNS	SP8T	GaAs	0	8G	2.5	30	26	6G	40	Non-Reflective
HMC322ALP4E	GaAs MMIC SP8T NON-REFLECTIVE SWITCH, DC - 8 GHz	PRODUCTION	SP8T	GaAs	0	8G	2.5	35	26.5	6G	40	Non-Reflective
HMC344A	0.1 GHz to 8 GHz, GaAs, Nonreflective, SP4T Switch	RECOMMENDED FOR NEW DESIGNS	SP4T	GaAs	100M	8G	1.7	36	28	6G	44	Non-Reflective
HMC345A	GaAs MMIC SP4T Non-Reflective Positive Control Switch, DC* - 8 GHz	RECOMMENDED FOR NEW DESIGNS	SP4T	GaAs	0	8G	2	35	24	6G	43	Non-Reflective
HMC349ALP4CE	High Isolation, Nonreflective, GaAs, SPDT Switch, 100 MHz to 4 GHz	PRODUCTION	SPDT	GaAs	100M	4G	1.2	57	33.5	4G	53	Non-Reflective
HMC427A	GaAs MMIC Positive Control Transfer Switch, DC* - 8GHz	RECOMMENDED FOR NEW DESIGNS	Transfer	GaAs	0	8G	1.5	43	27	6G	43	Reflective, Reflective Open
HMC536LP2	3W SPDT T/R Switch SMT, DC - 6 GHz,	PRODUCTION	SPDT, T/R	GaAs	0	6G	0.7	27	35	4G	52	Reflective, Reflective Short
HMC536MS8G	3 Watt SPDT T/R Switch SMT, DC - 6 GHz	PRODUCTION	SPDT, T/R	GaAs	0	6G	0.6	27	35	4G	52	Reflective, Reflective Open
HMC544A	GaAs MMIC T/R Switch, DC - 4 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT, T/R	GaAs	0G	4G	0.4	16	39	2G	60	Reflective, Reflective Open
HMC545A	GaAs MMIC SPDT SWITCH, DC - 3 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	0G	3G	0.3	31	34	2G	51	Reflective, Reflective Short
HMC546LP2E	10 W, Failsafe, GaAs, SPDT Switch 0.2 GHz to 2.7 GHz	PRODUCTION	SPDT, T/R	Fail Safe, GaAs	0.2G	2.7G	0.4	27	40	2G	64	Reflective, Reflective Short
HMC546MS8G	GaAs MMIC 20 Watt Failsafe Switch 0.2 to 2.2 GHz	PRODUCTION	SPDT, T/R	Fail Safe, GaAs	0.2G	2.2G	0.4	30	40	2G	67	Reflective, Reflective Short
HMC547ALC3	GaAs MMIC SPDT Non-Reflective Switch, DC - 28.0 GHz	PRODUCTION	SPDT	GaAs	0	28G	1.9	40	25	20G	46	Non-Reflective
HMC550A	GaAs MMIC SPST Failsafe Switch SMT, DC - 6 GHz	RECOMMENDED FOR NEW DESIGNS	SPST	Fail Safe, GaAs	0	6G	0.7	12	34	4G	52	Reflective, Reflective Open
HMC595A	GaAs MMIC 3 WATT T/R SWITCH DC - 3 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT, T/R	GaAs	0	3G	0.3	26	39	2G	64	Reflective, Reflective Short

	Description	Product Lifecycle	RF Switch Config	RF Features	Freq Response RF ^{min}	Freq Response RF ^{max}	Insertion Loss ^{typ}	Off Isolation ^{typ}	Input Power ^{max}	Specified at Freq	IIP3 ^{typ}	Absorptive/Reflective
HMC596	CMOS 4x2 Switch Matrix SMT, 0.2 - 3.0	RECOMMENDED FOR NEW DESIGNS	4x2 Matrix	CMOS	0.2G	3G	6.5	40	23	2G	27	Non-Reflective
HMC641ALC4	GaAs MMIC SP4T Non-Reflective Switch, DC - 20 GHz	PRODUCTION	SP4T	GaAs	0	20G	1.8	42	26.5	12G	41	Non-Reflective
HMC646	40W SPDT Failsafe Switch SMT, 0.1 - 2.1 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT, T/R	Fail Safe	0.1G	2.1G	0.8	30	44	1.6G	74	Reflective, Reflective Short
HMC849A	High Isolation SPDT Non-Reflective Switch SMT, DC - 6 GHz	RECOMMENDED FOR NEW DESIGNS	SPDT	GaAs	0	6G	1	56	33	4G	52	Non-Reflective

Robust Switches and Multiplexers

Parts	Description	Product Lifecycle	Device Config	Switch Special Features	Switch typ Ron	Leakage typ Switch ON	Charge Injection	ESD Level-HBM	Fault Flag	Interface	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual
ADG5208F	Fault Protection, -0.4 pC QINJ, 8:1/Dual 4:1 Multiplexers	RECOMMENDED FOR NEW DESIGNS	8:1	Latch-Up Immune, Overvoltage Protection & Detection	250	300p	-400f	3.5 kV	No	Parallel	8	44	10	44
ADG7421F	Low Voltage Fault Protection and Detection, 12 Ω RON, Dual SPST Switch	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Detection, Fault Protected and Detection, Latch-Up Immune, Overvoltage and Detection Flag, Overvoltage Detection Flag, Overvoltage Protected, Overvoltage Protection, Overvoltage Protection & Detection	12	50p	-45p	2 kV	Yes	Parallel	1.8	5	3.6	5
ADG5421F	±60 V Fault Protection and Detection, 11 Ω RON, Dual SPST Switch	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Detection, Fault Protected, Fault Protected and Detection, Latch-Up Immune, Low Ron, Overvoltage and Detection Flag, Overvoltage Detection Flag, Overvoltage Protected, Overvoltage Protection, Overvoltage Protection & Detection	11	50p	-135p	3.5 kV	Yes	Parallel	8	44	10	44
ADG5401F	Fault Protection, 6 Ω RON, SPST Switch with 0.6 kΩ Feedback Channel	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Detection, Error Detection, Fault Protected, Fault Protected and Detection, Latch-Up Immune, Low Ron, Overvoltage and Detection Flag, Overvoltage Detection Flag, Overvoltage Protected, Overvoltage Protection, Overvoltage Protection & Detection	6	100p	-230p	2 kV	Yes	Parallel	8	44	10	44
ADG5298	High Temperature (up to 210°C), High Voltage, Latch-Up Proof, 8-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	8:1	High Temperature, Latch-Up Immune	290	10p	200f	I/O to I/O 2kV All other pins 8kV	No	Parallel	9	40	18	44
ADG5243F	User Defined Fault Protection and Detection, 0.8 pC QINJ, Triple SPDT	RECOMMENDED FOR NEW DESIGNS	2:1 SPDT	Latch-Up Immune, Overvoltage Protection & Detection	250	300p	-800f	3.5 kV	Yes	Parallel	8	44	10	44

	Description	Product Lifecycle	Device Config	Switch Special Features	Switch t_{Ron} typ	Leakage Switch ON typ	Charge Injection	ESD Level-HBM	Fault Flag	Interface	V_s Span min Single	V_s Span max Single	V_s Span min Dual	V_s Span max Dual
ADG5209F	Fault Protection, -0.4 pC QINJ, 8:1/Dual 4:1 Multiplexers	RECOMMENDED FOR NEW DESIGNS	4:1	Latch-Up Immune, Overvoltage Protection & Detection	250	300p	-400f	3.5 kV	No	Parallel	8	44	10	44
ADG5248F	User Defined Fault Protection and Detection, 0.8 pC QINJ, 8:1 Multiplexer	PRODUCTION	8:1	Latch-Up Immune, Overvoltage Protection & Detection	250	300p	-0.8p	3.5 kV	Yes	Parallel	8	44	10	44
ADG5249F	User Defined Fault Protection and Detection, 0.8 pC QINJ, Dual 4:1 Multiplexers	RECOMMENDED FOR NEW DESIGNS	4:1	Latch-Up Immune, Overvoltage Protection & Detection	250	300p	-0.8p	3.5 kV	Yes	Parallel	8	44	10	44
ADG5436F	Fault Protection and Detection, 10 Ω RON, Dual SPDT Switch	RECOMMENDED FOR NEW DESIGNS	2:1 SPDT	Latch-Up Immune, Overvoltage Protection & Detection	10	500p	-724p	6 kV	Yes	Parallel	8	44	10	44
ADG5462F	User Defined Fault Protection and Detection, 10 Ω RON, Quad Channel Protector	RECOMMENDED FOR NEW DESIGNS	Channel Protector	Latch-Up Immune, Overvoltage Protection & Detection	10	300p	-	4 kV	Yes	-	8	44	10	44
ADG5404F	Fault Protection and Detection, 10 Ω RON, 4-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	4:1	Latch-Up Immune, Overvoltage Protection & Detection	10	300p	680p	4 kV	Yes	Parallel	8	44	10	44
ADG5412BF	Bidirectional Fault Protection and Detection, 10 Ω RON, Quad SPST Switches	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Latch-Up Immune, Overvoltage Protection & Detection	10	300p	-680p	3 kV	Yes	Parallel	8	44	10	44
ADG5412F	Fault Protection and Detection, 10 Ω RON, Quad SPST Switches	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Latch-Up Immune, Overvoltage Protection & Detection	10	300p	-680p	5.5 kV	Yes	Parallel	8	44	10	44
ADG5413BF	Bidirectional Fault Protection and Detection, 10 Ω RON, Quad SPST Switches, 2 x NO, 2 x NC	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Latch-Up Immune, Overvoltage Protection & Detection	10	300p	-680p	3 kV	Yes	Parallel	8	44	10	44

	Description	Product Lifecycle	Device Config	Switch Special Features	Switch typ Ron	Leakage typ Switch ON	Charge Injection	ESD Level- HBM	Fault Flag	Interface	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual
ADG5413F	Fault Protection and Detection, 10 Ω RON, Quad SPST Switches, 2 x NO, 2 x NC	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Latch-Up Immune, Overvoltage Protection & Detection	10	300p	-680p	5.5 kV	Yes	Parallel	8	44	10	44
ADG5401	High Voltage Latch-Up Proof, Single SPST Switch	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Latch-Up Immune	6.5	200p	220p	8 kV	No	Parallel	9	40	18	44
ADG5419	High Voltage Latch-Up Proof, Single SPDT Switch	RECOMMENDED FOR NEW DESIGNS	2:1 SPDT	Latch-Up Immune	13.5	100p	130p	8 kV	No	Parallel	9	40	18	44
ADG5421	High Voltage Latch-Up Proof, Dual SPST Switches	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Latch-Up Immune	13.5	100p	95p	8 kV	No	Parallel	9	40	18	44
ADG5423	High Voltage Latch-Up Proof, Dual SPST Switches	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Latch-Up Immune	13.5	100p	95p	8 kV	No	Parallel	9	40	18	44
ADG5206	High Voltage, Latch-Up Proof, 16-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	16:1	Latch-Up Immune	155	20p	350f	8 kV	No	Parallel	9	40	18	44
ADG5207	High Voltage, Latch-Up Proof, 8-Channel Differential Multiplexer	RECOMMENDED FOR NEW DESIGNS	8:1	Latch-Up Immune	155	20p	350f	I/O to I/O 2kV All other pins 8kV	No	Parallel	9	40	18	44
ADG5208	High Voltage Latch-Up Proof, 4-/8-Channel Multiplexers	RECOMMENDED FOR NEW DESIGNS	8:1	Latch-Up Immune	160	10p	200f	I/O to I/O 2kV All other pins 8kV	No	Parallel	9	40	18	44
ADG5209	High Voltage Latch-Up Proof, 4-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	4:1	Latch-Up Immune	160	10p	200f	I/O to I/O 2kV All other pins 8kV	No	Parallel	9	40	18	44
ADG5233	High Voltage Latch-Up Proof, Triple SPDT Switches	RECOMMENDED FOR NEW DESIGNS	2:1 SPDT	Latch-Up Immune	160	80p	400f	I/O to I/O 2kV All other pins 8kV	No	Parallel	9	40	18	44
ADG5234	High Voltage Latch-Up Proof, Quad SPDT Switches	RECOMMENDED FOR NEW DESIGNS	2:1 SPDT	Latch-Up Immune	160	80p	400f	I/O to I/O 2kV All other pins 8kV	No	Parallel	9	40	18	44

	Description	Product Lifecycle	Device Config	Switch Special Features	Switch typ Ron	Leakage typ Switch ON	Charge Injection	ESD Level-HBM	Fault Flag	Interface	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual
ADG5204	High Voltage, Latch-up Proof, 4-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	4:1	Latch-Up Immune	160	20p	-600f	2 kV	No	Parallel	9	40	18	44
ADG5236	High Voltage Latch-Up Proof, Dual SPDT Switches	RECOMMENDED FOR NEW DESIGNS	2:1 SPDT	Latch-Up Immune	160	20p	-600f	2 kV	No	Parallel	9	40	18	44
ADG5212	High Voltage Latch-Up Proof, Quad SPST Switches	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Latch-Up Immune	160	20p	0.07p	2.5 kV	No	Parallel	9	40	18	44
ADG5213	High Voltage Latch-Up Proof, Quad SPST Switches	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Latch-Up Immune	160	20p	0.07p	2.5 kV	No	Parallel	9	40	18	44
ADG5434	High Voltage Latch-up Proof Quad SPDT Switches	RECOMMENDED FOR NEW DESIGNS	2:1 SPDT	Latch-Up Immune	13.5	100p	130p	8 kV	No	Parallel	9	40	18	44
ADG4612	Power Off Protection ±5 V, +12V, Quad SPST Switches with 5Ω On Resistance	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Overvoltage Protection	5.2	10n	225p	0.5 kV	No	Parallel	3	12	6	11
ADG4613	Power Off Protection ±5 V, +12V, Quad SPST Switches with 5Ω On Resistance	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Overvoltage Protection	5.2	10n	225p	0.5 kV	No	Parallel	3	12	6	11
ADG5412	High Voltage Latch-Up Proof, Quad SPST Switches	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Latch-Up Immune	9.8	100p	240p	8 kV	No	Parallel	9	40	18	44
ADG5413	High Voltage Latch-Up Proof, Quad SPST Switches	RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Latch-Up Immune	9.8	100p	240p	8 kV	No	Parallel	9	40	18	44
ADG5436	High Voltage Latch-Up Proof, Dual SPDT Switches	RECOMMENDED FOR NEW DESIGNS	2:1 SPDT	Latch-Up Immune	9.8	100p	200p	8 kV	No	Parallel	9	40	18	44
ADG5408	High Voltage Latch-up Proof 8-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	8:1	Latch-Up Immune	13.5	100p	115p	8 kV	No	Parallel	9	40	18	44

	Description	Product Lifecycle	Device Config	Switch Special Features	Switch typ Ron	Leakage typ Switch ON	Charge Injection	ESD Level-HBM	Fault Flag	Interface	Vs min Span Single	Vs max Span Single	Vs min Span Dual	Vs max Span Dual
ADG5409	High Voltage Latch-up Proof 4-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	4:1	Latch-Up Immune	13.5	100p	115p	8 kV	No	Parallel	9	40	18	44
ADG5433	High Voltage Latch-up Proof Triple SPDT Switches	RECOMMENDED FOR NEW DESIGNS	2:1 SPDT	Latch-Up Immune	13.5	100p	130p	8 kV	No	Parallel	9	40	18	44
ADG5404	High Voltage, Latch-up Proof, 4-Channel Multiplexer	RECOMMENDED FOR NEW DESIGNS	4:1	Latch-Up Immune	9.8	100p	220p	8 kV	No	Parallel	9	40	18	44
ADG465	Single Channel Protector in an SOT-23 Package and a MSOP Package	PRODUCTION	Channel Protector x 1	Overvoltage Protection	80	100p	-	3 kV	No	-	-	-	30	40
ADG508F	8-Channel/4-Channel Fault Protected Analog Multiplexers	PRODUCTION	8:1	Overvoltage Protection	270	40p	15p	0.3 kV	No	Parallel	-	-	27	33
ADG509F	8-Channel/4-Channel Fault-Protected Analog Multiplexer	PRODUCTION	4:1	Overvoltage Protection	270	40p	15p	0.2 kV	No	Parallel	9	40	27	33
ADG528F	4-Channel/8-Channel Fault-Protected Analog Multiplexers	PRODUCTION	8:1	Overvoltage Protection	300	40p	4p	-	No	Parallel	10.8	16.5	21.6	33
ADG467	Octal Channel Protector in SOIC Package	PRODUCTION	Channel Protector x 8	Overvoltage Protection	62	40p	-	0.3 kV	No	-	-	-	10	40
AD7511	DI CMOS Protected Analog Switches	NOT RECOMMENDED FOR NEW DESIGNS	1:1 SPST	Overvoltage Protection	75	10n	30p	0.3 kV	No	Parallel	-	-	30	30
ADG438F	High Performance, 8-Channel, Fault-Protected Analog Multiplexer	PRODUCTION	8:1	Overvoltage Protection	270	500p	15p	0.3 kV	No	Parallel	-	-	27	33
ADG439F	High Performance, 4-Channel, Fault-Protected Analog Multiplexer	PRODUCTION	4:1	Overvoltage Protection	270	500p	15p	0.2 kV	No	Parallel	-	-	27	33

Unbuffered Analog Crosspoint Array

Parts	Description	Product Lifecycle	Device Primary Function	Interface	Device Configuration	BW -3 dB typ	Cross Talk typ	Off Isolation typ	Switch Ron typ	Crosstalk Test Frequency
MAX14724	Serial-Controlled 8:4 Matrix Switch Multiplexer	RECOMMENDED FOR NEW DESIGNS	Mux	I ² C, SPI	8 x 1	50M	-65	-	1	1M
MAX14661	Beyond-the-Rails 16:2 Multiplexer	PRODUCTION	Mux	I ² C, SPI	16 x 2	60M	-80	-	8	1M
MAX4989	USB 2.0 Hi-Speed 2 of 4 Crosspoint Switch	PRODUCTION	Crosspoint Switch	-	4 x 2	-	-	-	9	-
ADG2188	I ² C® CMOS 8 × 8 Unbuffered Analog Switch Array with Dual/Single Supplies	PRODUCTION	Unbuffered Crosspoint	Serial	8 x 8	300M	-79	-69	30	5000000000m
ADG2108	I ² C® CMOS 8 × 10 Unbuffered Analog Switch Array with Dual/Single Supplies	LAST TIME BUY	Unbuffered Crosspoint	Serial	8 x 10	300M	-76	-66	30	5000000000m
ADG2128	I ² C CMOS 8 X 12 Analog Switch Array with Dual/Single Supplies	PRODUCTION	Unbuffered Crosspoint	Serial	8 x 12	300M	-76	-69	30	5000000000m
AD75019	16 × 16 Crosspoint Switch Array	PRODUCTION	Unbuffered Crosspoint	Parallel, Serial	16 x 16	-	-38	-	150	1000000000m

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