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Car Camera Bus (C²B)

Parts	Description	Product Lifecycle	Availability	1ku List Price	Package	Primary Function	Input Type	Output Type	Automotive	NDA Required	Temp Range
ADV7384	Car Camera Bus (C2B) Quad Receiver with MIPI CSI-2 Video Output	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	100-Ball CSP-BGA (9mm x 9mm x 1.35mm)	C2B Rx	C2B	MIPI-CSI2	Yes	Yes	-40 to 125°C
ADV7382	Car Camera Bus Receiver with MIPI CSI-2 Video Output	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	48-Lead LFCSP (7mm x 7mm x 0.75mm w/ EP)	C2B Rx	C2B	MIPI-CSI2	Yes	Yes	-40 to 105°C
ADV7383	Car Camera Bus Receiver with Parallel Video Output	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	48-Lead LFCSP (7mm x 7mm x 0.75mm w/ EP)	C2B Rx	C2B	16-Pin Parallel	Yes	Yes	-40 to 105°C
ADV7992	Car Camera Bus Transmitter with Parallel Video Input	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	C2B Tx	12-Pin Parallel	C2B	Yes	Yes	-40 to 105°C
ADV7993	Car Camera Bus Transmitter with Parallel Video Input	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	40-Lead LFCSP (6mm x 6mm w/ EP)	C2B Tx	16-Pin Parallel	C2B	Yes	Yes	-40 to 105°C

CCD and Imaging Front Ends

Parts	Description	Product Lifecycle	Availability	1ku List Price	Package	# of Channels	Resolution	Sampling Mode	Vin Range max	Input Type	Data Output Interface	Vs Core min	Vs Core max	Power typ
ADDI7004	Quad-Channel, HD Image Signal Processor with Precision Timing Core	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	76-Ball CSPBGA (6mm x 6mm x 1.4mm)	4	14	CDS-SHA	1.4	Differential	-	1.6	2	400m
AD9814S	Aerospace Low Power 14-Bit, 3-Channel CCD Signal Processor with Programmable Serial Interface and Byte-Wide Data Output Format	PRODUCTION	Check Distributor Inventory	-	CER. FLATPACK WITH LEADS	3	14	CDS-SHA	4	Single-Ended	CMOS	4.75	5.25	-
AD9978	Dual-Channel, 14-Bit CCD Signal Processor with Precision Timing Core	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	40-Lead LFCSP (6mm x 6mm w/ EP)	2	14	CDS-SHA	1.4	Differential	Serial LVDS	1.6	2	250m
AD9979	14-Bit, CCD Signal Processor with Precision Timing™ Core	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	48-Lead LFCSP (7mm x 7mm w/ EP)	1	14	CDS-SHA	1	Differential	CMOS	1.6	2	160m

	Description	Product Lifecycle	Availability	1ku List Price	Package	# of Channels	Resolution	Sampling Mode	Vin _{max} Range	Input Type	Data Output Interface	Vs _{min} Core	Vs _{max} Core	Power typ
AD9970	14-Bit CCD Signal Processor with Precision Timing™ Generator	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	32-Lead LFCSP (5mm x 5mm w/ EP)	1	14	CDS	1	Single-Ended	Serial LVDS	1.6	2	170m
AD9945	Complete 12-Bit 40 MHz CCD Signal Processor	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	32-Lead LFCSP (5mm x 5mm)	1	12	CDS	1	Single-Ended	CMOS	2.7	3.6	140m
AD9826	Complete 16-Bit Imaging Signal Processor	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	-	3	16	CDS-SHA	4	Single-Ended	CMOS	4.75	5.25	400m

Display Driver Electronics

Parts	Description	Product Lifecycle	Device Primary Function	Resolution	Iout Drive Capability	typ	Vos typ	Iout typ	Ios typ
MAX7304	-	-	-	-	-	-	I ² C-Interfaced 16-Port, Level-Translating GPIO and LED Driver with High Level of Integrated ESD Protection	PRODUCTION	LED/GPIO Driver
MAX9669	-	-	-	-	-	-	10-Bit Programmable Gamma Reference System with MTP for TFT LCDs	PRODUCTION	Programmable Gamma Buffer
MAX9650	-	-	-	-	-	-	High-Current VCOM Drive Op Amps for TFT LCDs	PRODUCTION	VCOM Amplifier
MAX9651	-	-	-	-	-	-	High-Current VCOM Drive Op Amps for TFT LCDs	PRODUCTION	VCOM Amplifier
AD8565	35m	35m	80n	2m	-	-	16 V Rail-to-Rail Operational Amplifier (Single)	PRODUCTION	Analog LCD Display Driver
AD8566	35m	35m	80n	2m	-	-	16 V Rail-to-Rail Operational Amplifier (Dual)	PRODUCTION	Analog LCD Display Driver
AD8567	35m	35m	80n	2m	-	-	16 V Rail-to-Rail Operational Amplifier (Quad)	PRODUCTION	Analog LCD Display Driver
MAX7323	-	-	-	-	-	-	I ² C Port Expander with 4 Push-Pull Outputs and 4 Open-Drain I/Os	PRODUCTION	LED/GPIO Driver
AD8614	70m	30m	5n	1m	-	-	18 V Operational Amplifier (Single)	PRODUCTION	Analog LCD Display Driver
AD8644	70m	30m	5n	1m	-	-	18 V Operational Amplifier (Quad)	PRODUCTION	Analog LCD Display Driver
MAX7306	-	-	-	-	-	-	SMBus/I ² C Interfaced 4-Port, Level-Translating GPIOs and LED Drivers	PRODUCTION	LED/GPIO Driver
AD8519	25m	25m	50n	600μ	-	-	8 MHz Rail-to-Rail Operational Amplifier	PRODUCTION	Analog LCD Display Driver

	Description	Product Lifecycle	Device Primary Function	Resolution	Iout Drive Capability typ	Vos typ	Iout typ	Ios typ
AD8529	25m	25m	50n	600μ	-	8 MHz Rail-to-Rail Operational Amplifier	PRODUCTION	Analog LCD Display Driver
AD8532	250m	250m	1p	25m	-	250 mA Output, Dual Low Cost, Single-Supply Op Amp	PRODUCTION	Analog LCD Display Driver
MAX7326	-	-	-	-	-	I²C Port Expander with 12 Push-Pull Outputs and Four Inputs	PRODUCTION	LED/GPIO Driver
MAX7324	-	-	-	-	-	I²C Port Expander with Eight Push-Pull Outputs and Eight Inputs	PRODUCTION	LED/GPIO Driver
MAX7325	-	-	-	-	-	I2C Port Expander with 8 Push-Pull and 8 Open-Drain I/Os	PRODUCTION	LED/GPIO Driver
MAX7322	-	-	-	-	-	I²C Port Expander with 4 Push-Pull Outputs and 4 Inputs	PRODUCTION	LED/GPIO Driver
MAX7327	-	-	-	-	-	I²C Port Expander with 12 Push-Pull Outputs and 4 Open-Drain I/Os	PRODUCTION	LED/GPIO Driver
MAX6946	-	-	-	-	-	10-Port, Constant-Current LED Driver and I/O Expander with PWM Intensity Control	PRODUCTION	LED/GPIO Driver
MAX6947	-	-	-	-	-	10-Port, Constant-Current LED Driver and I/O Expander with PWM Intensity Control	PRODUCTION	LED/GPIO Driver
AD8024	50m	50m	2μ	2m	-	Quad 350 MHz 24 V Amplifier	PRODUCTION	Analog LCD Display Driver
MAX7320	-	-	-	-	-	I²C Port Expander with Eight Push-Pull Outputs	PRODUCTION	LED/GPIO Driver
MAX7328	-	-	-	-	-	I²C Port Expanders with Eight I/O Ports	PRODUCTION	LED/GPIO Driver
MAX7329	-	-	-	-	-	I²C Port Expanders with Eight I/O Ports	PRODUCTION	LED/GPIO Driver

	Description	Product Lifecycle	Device Primary Function	Resolution	Iout Drive Capability typ	Vos typ	Iout typ	Ios typ
AD8386	-	100m	-	-	10	10-Bit, 12-Channel Output Decimating LCD Driver	LAST TIME BUY	Digital LCD Display Driver
MAX7319	-	-	-	-	-	I²C Port Expander with Eight Inputs and Maskable Transition Detection	PRODUCTION	LED/GPIO Driver
AD8387	-	100m	-	-	12	High Performance 12-Bit, 12-Channel Output, Decimating LCD DecDriver®	NOT RECOMMENDED FOR NEW DESIGNS	Digital LCD Display Driver
MAX6960	-	-	-	-	-	4-Wire Serially Interfaced 8 x 8 Matrix Graphic LED Drivers	PRODUCTION	LED Display Driver
MAX6971	-	-	-	-	-	16-Port, 36V Constant-Current LED Driver	PRODUCTION	LED Display Driver
MAX7321	-	-	-	-	-	I2C Port Expander with 8 Open-Drain I/Os	PRODUCTION	LED/GPIO Driver
MAX6979	-	-	-	-	-	16-Port, 5.5V Constant-Current LED Driver with LED Fault Detection and Watchdog	PRODUCTION	LED Display Driver
MAX6969	-	-	-	-	-	16-Port, 5.5V Constant-Current LED Driver	PRODUCTION	LED Display Driver
AD8531	250m	250m	1p	25m	-	250 mA Output, Low Cost, Single-Supply Amplifier	PRODUCTION	Analog LCD Display Driver
AD8534	250m	250m	1p	25m	-	250 mA Output, Low Cost, Quad Single-Supply Op Amp	PRODUCTION	Analog LCD Display Driver
MAX6968	-	-	-	-	-	8-Port, 5.5V Constant-Current LED Driver	PRODUCTION	LED Display Driver
MAX6978	-	-	-	-	-	8-Port, 5.5V Constant-Current LED Driver with LED Fault Detection and Watchdog	PRODUCTION	LED Display Driver
MAX6966	-	-	-	-	-	10-Port Constant-Current LED Drivers and I/O Expanders with PWM Intensity Control	PRODUCTION	LED Display Driver

	Description	Product Lifecycle	Device Primary Function	Resolution	I/O Drive Capability	V _{OS} typ	I/O typ	I/O typ
MAX6967	-	-	-	-	-	10-Port Constant-Current LED Drivers and I/O Expanders with PWM Intensity Control	PRODUCTION	LED Display Driver
DS4550	-	-	-	-	-	I2C and JTAG Nonvolatile 9-Bit I/O Expander Plus Memory	PRODUCTION	LED/GPIO Driver
MAX7318	-	-	-	-	-	2-Wire-Interfaced, 16-Bit, I/O Port Expander with Interrupt and Hot-Insertion Protection	PRODUCTION	LED/GPIO Driver
MAX7317	-	-	-	-	-	10-Port SPI-Interfaced I/O Expander with Overvoltage and Hot-Insertion Protection	PRODUCTION	LED/GPIO Driver
AD8382	-	100m	-	-	12	High Performance 12-Bit, 6-Channel Output, Decimating LCD DecDriver®	NOT RECOMMENDED FOR NEW DESIGNS	Digital LCD Display Driver
DS4520	-	-	-	-	-	9-Bit I ² C Nonvolatile I/O Expander Plus Memory	PRODUCTION	LED/GPIO Driver
DS4510	-	-	-	-	-	CPU Supervisor with Nonvolatile Memory and Programmable I/O	PRODUCTION	LED/GPIO Driver
MAX1496	-	-	-	-	-	3.5- and 4.5-Digit, Single-Chip ADCs with LED Drivers	PRODUCTION	Display Driving ADC
MAX1498	-	-	-	-	-	3.5- and 4.5-Digit, Single-Chip ADCs with LED Drivers	PRODUCTION	Display Driving ADC
MAX6922	-	-	-	-	-	27-, 28-, and 32-Output, 76V, Serial-Interfaced VFD Tube Drivers	PRODUCTION	VFD Display Driver
MAX6934	-	-	-	-	-	27-, 28-, and 32-Output, 76V, Serial-Interfaced VFD Tube Drivers	PRODUCTION	VFD Display Driver
MAX6964	-	-	-	-	-	17-Output LED Driver/GPO with Intensity Control and Hot-Insertion Protection	PRODUCTION	LED Display Driver
MAX7314	-	-	-	-	-	18-Port GPIO with LED Intensity Control, Interrupt, and Hot-Insertion Protection	PRODUCTION	LED/GPIO Driver

	Description	Product Lifecycle	Device Primary Function	Resolution	I/O Drive Capability	V _{OS} typ	I _{OUT} typ	I _{OS} typ
MAX1491	-	-	-	-	-	3.5- and 4.5-Digit, Single-Chip ADCs with LCD Drivers	PRODUCTION	Display Driving ADC
MAX1493	-	-	-	-	-	3.5- and 4.5-Digit, Single-Chip ADCs with LCD Drivers	PRODUCTION	Display Driving ADC
MAX1499	-	-	-	-	-	3.5- and 4.5-Digit, Single-Chip ADCs with LED Drivers and μ C Interface	PRODUCTION	Display Driving ADC
MAX6920	-	-	-	-	-	12-Output, 76V, Serial-Interfaced VFD Tube Driver	PRODUCTION	VFD Display Driver
MAX6921	-	-	-	-	-	20-Output, 76V, Serial-Interfaced VFD Tube Drivers	PRODUCTION	VFD Display Driver
MAX6965	-	-	-	-	-	9-Output LED Driver with Intensity Control and Hot-Insertion Protection	PRODUCTION	LED Display Driver
MAX7312	-	-	-	-	-	2-Wire-Interfaced 16-Bit I/O Port Expander with Interrupt and Hot-Insertion Protection	PRODUCTION	LED/GPIO Driver
MAX7313	-	-	-	-	-	16-Port I/O Expander with LED Intensity Control, Interrupt, and Hot-Insertion Protection	PRODUCTION	LED/GPIO Driver
MAX7315	-	-	-	-	-	8-Port I/O Expander with LED Intensity Control, Interrupt, and Hot-Insertion Protection	PRODUCTION	LED/GPIO Driver
MAX7311	-	-	-	-	-	2-Wire-Interfaced 16-Bit I/O Port Expander with Interrupt and Hot-Insertion Protection	PRODUCTION	LED/GPIO Driver
MAX7310	-	-	-	-	-	2-Wire-Interfaced 8-Bit I/O Port Expander with Reset	PRODUCTION	LED/GPIO Driver
MAX1494	-	-	-	-	-	3.5- and 4.5-Digit, Single-Chip ADCs with LCD Drivers	PRODUCTION	Display Driving ADC

	Description	Product Lifecycle	Device Primary Function	Resolution	I/O Drive Capability	V _{OS} typ	I _{OUT} typ	I _{OS} typ
MAX6958	-	-	-	-	-	2-Wire Interfaced, 3V to 5.5V, 4-Digit, 9-Segment LED Display Drivers with Keyscan	PRODUCTION	LED Display Driver
MAX6959	-	-	-	-	-	2-Wire Interfaced, 3V to 5.5V, 4-Digit, 9-Segment LED Display Drivers with Keyscan	PRODUCTION	LED Display Driver
MAX6955	-	-	-	-	-	2-Wire Interfaced, 2.7V to 5.5V LED Display Driver with I/O Expander and Key Scan	PRODUCTION	LED Display Driver
MAX7300	-	-	-	-	-	2-Wire-Interfaced, 2.5V to 5.5V, 20-Port or 28-Port I/O Expander	PRODUCTION	LED/GPIO Driver
MAX6956	-	-	-	-	-	2-Wire-Interfaced, 2.5V to 5.5V, 20-Port or 28-Port LED Display Driver and I/O Expander	PRODUCTION	LED Display Driver
ICL7129A	-	-	-	-	-	Low-Noise, 4 1/2 Digit, Single-Chip ADC with Multiplexed LCD Drivers	PRODUCTION	Display Driving ADC
MAX6954	-	-	-	-	-	4-Wire Interfaced, 2.7V to 5.5V LED Display Driver with I/O Expander and Key Scan	PRODUCTION	LED Display Driver
MAX6952	-	-	-	-	-	4-Wire Interfaced, 2.7V to 5.5V, 4-Digit 5 x 7 Matrix LED Display Driver	PRODUCTION	LED Display Driver
MAX7301	-	-	-	-	-	4-Wire-Interfaced, 2.5V to 5.5V, 20-Port and 28-Port I/O Expander	PRODUCTION	LED/GPIO Driver
MAX6957	-	-	-	-	-	4-Wire-Interfaced, 2.5V to 5.5V, 20-Port and 28-Port LED Display Driver and I/O Expander	PRODUCTION	LED Display Driver
MAX6950	-	-	-	-	-	Serially Interfaced, +2.7V to +5.5V, 5- and 8-Digit LED Display Drivers	PRODUCTION	LED Display Driver
MAX6951	-	-	-	-	-	Serially Interfaced, +2.7V to +5.5V, 5- and 8-Digit LED Display Drivers	PRODUCTION	LED Display Driver

	Description	Product Lifecycle	Device Primary Function	Resolution	I/O Drive Capability	V _{OS} typ	I _{OUT} typ	I _{OS} typ
ICL7136	-	-	-	-	-	Low-Power, 3 1/2 Digit A/D Converter	PRODUCTION	Display Driving ADC
ICL7137	-	-	-	-	-	Low-Power, 3 1/2 Digit A/D Converter	PRODUCTION	Display Driving ADC
MAX138	-	-	-	-	-	3 1/2 Digit ADC with Reference, Charge Pump, and Direct LED Drivers	PRODUCTION	Display Driving ADC
MAX139	-	-	-	-	-	3 1/2 Digit ADC with Reference, Charge Pump, and Direct LED Drivers	PRODUCTION	Display Driving ADC
MAX140	-	-	-	-	-	3 1/2 Digit ADC with Reference, Charge Pump, and Direct LED Drivers	PRODUCTION	Display Driving ADC
MAX7231A	-	-	-	-	-	Drives 8 Digits/7 Segments; Parallel Input format; 2 Annunciators per Digit	PRODUCTION	Digital LCD Display Driver, Segmented Display Driver
MAX7231B	-	-	-	-	-	Drives 8 Digits/7 Segments; Parallel Input format; 2 Annunciators per Digit	PRODUCTION	Digital LCD Display Driver, Segmented Display Driver
MAX7231C	-	-	-	-	-	Drives 8 Digits/7 Segments; Parallel Input format; 2 Annunciators per Digit	PRODUCTION	Digital LCD Display Driver, Segmented Display Driver
MAX7232A	-	-	-	-	-	Drives 10-Digit/7 Segments; Serial Input Format; 2 Annunciators per Digit	PRODUCTION	Digital LCD Display Driver, Segmented Display Driver
MAX7232B	-	-	-	-	-	Drives 10-Digit/7 Segments; Serial Input Format; 2 Annunciators per Digit	PRODUCTION	Digital LCD Display Driver, Segmented Display Driver
MAX7232C	-	-	-	-	-	Drives 10-Digit/7 Segments; Serial Input Format; 2 Annunciators per Digit	PRODUCTION	Digital LCD Display Driver, Segmented Display Driver
MAX7233A	-	-	-	-	-	Drives 4 Alphanumeric Characters/18 Segments; Parallel Input Format	PRODUCTION	Digital LCD Display Driver, Segmented Display Driver

	Description	Product Lifecycle	Device Primary Function	Resolution	lout Drive Capability typ	Vos typ	lout typ	los typ
MAX7233B	-	-	-	-	-	Drives 4 Alphanumeric Characters/18 Segments; Parallel Input Format	PRODUCTION	Digital LCD Display Driver, Segmented Display Driver
ICM7224	-	-	-	-	-	4 1/2 Digit, LCD, High-Speed Counter Decoder Driver	PRODUCTION	Display Driving Counter
ICM7225	-	-	-	-	-	4 1/2 Digit, LCD, High-Speed Counter Decoder Driver	PRODUCTION	Display Driving Counter
MAX7219	-	-	-	-	-	Serially Interfaced, 8-Digit, LED Display Drivers	PRODUCTION	LED Display Driver
MAX7221	-	-	-	-	-	Serially Interfaced, 8-Digit, LED Display Drivers	PRODUCTION	LED Display Driver
ICM7218A	-	-	-	-	-	8-Digit, Multiplexed, LED Decoder Driver	PRODUCTION	LED Display Driver
ICM7218B	-	-	-	-	-	8-Digit, Multiplexed, LED Decoder Driver	PRODUCTION	LED Display Driver
ICM7218C	-	-	-	-	-	8-Digit, Multiplexed, LED Decoder Driver	PRODUCTION	LED Display Driver
ICM7218D	-	-	-	-	-	8-Digit, Multiplexed, LED Decoder Driver	PRODUCTION	LED Display Driver
ICM7211	-	-	-	-	-	Four Digit Display Decoder/Drivers	PRODUCTION	Digital LCD Display Driver, Segmented Display Driver
ICM7211A	-	-	-	-	-	Four Digit Display Decoder/Drivers	PRODUCTION	Digital LCD Display Driver, Segmented Display Driver
ICM7211AM	-	-	-	-	-	Four Digit Display Decoder/Drivers	PRODUCTION	Digital LCD Display Driver, Segmented Display Driver
ICM7211M	-	-	-	-	-	Four Digit Display Decoder/Drivers	PRODUCTION	Digital LCD Display Driver, Segmented Display Driver

	Description	Product Lifecycle	Device Primary Function	Resolution	Iout Drive Capability typ	Vos typ	Iout typ	Ios typ
ICM7212	Four Digit Display Decoder/Drivers	PRODUCTION	LED Display Driver	-	-	-	-	-
ICM7212A	Four Digit Display Decoder/Drivers	PRODUCTION	LED Display Driver	-	-	-	-	-
ICM7212AM	Four Digit Display Decoder/Drivers	PRODUCTION	LED Display Driver	-	-	-	-	-
ICM7212M	Four Digit Display Decoder/Drivers	PRODUCTION	LED Display Driver	-	-	-	-	-
MAX131	3 1/2 Digit ADC with Bandgap Reference	PRODUCTION	Display Driving ADC	-	-	-	-	-
MAX133	3¼ Digit DMM Circuit	PRODUCTION	Display Driving ADC	-	-	-	-	-
MAX134	3¼ Digit DMM Circuit	PRODUCTION	Display Driving ADC	-	-	-	-	-
ICL7109	12-Bit A/D Converter with 3-State Binary Outputs	PRODUCTION	Display Driving ADC	-	-	-	-	-
ICL7135	4 1/2 Digit ADC with Multiplexed BCD Outputs	PRODUCTION	Display Driving ADC	-	-	-	-	-
MAX136	Low Power, 3 1/2 Digit A/D Converter with Display Hold	PRODUCTION	Display Driving ADC	-	-	-	-	-
ICM7217	4-Digit, Presetable, LED Up/Down Counter	PRODUCTION	Display Driving Counter	-	-	-	-	-
ICM7217A	4-Digit, Presetable, LED Up/Down Counter	PRODUCTION	Display Driving Counter	-	-	-	-	-

	Description	Product Lifecycle	Device Primary Function	Resolution	Iout Drive Capability typ	Vos typ	Iout typ	Ios typ
ICM7217B	4-Digit, Presetable, LED Up/Down Counter	PRODUCTION	Display Driving Counter	-	-	-	-	-
ICM7217C	4-Digit, Presetable, LED Up/Down Counter	PRODUCTION	Display Driving Counter	-	-	-	-	-
ICL7116	3 1/2 Digit ADCs with Display Hold	PRODUCTION	Display Driving ADC	-	-	-	-	-
ICL7117	3 1/2 Digit ADCs with Display Hold	PRODUCTION	Display Driving ADC	-	-	-	-	-
ICL7106	3 1/2 Digit A/D Converters	PRODUCTION	Display Driving ADC	-	-	-	-	-
ICL7107	3 1/2 Digit A/D Converters	PRODUCTION	Display Driving ADC	-	-	-	-	-
ICL7126	Low-Power, 3 1/2 Digit A/D Converter	PRODUCTION	Display Driving ADC	-	-	-	-	-

HDMI/DVI Devices

Parts	Description	Product Lifecycle	Availability	1ku List Price	Package	Video Primary Function	Input Type	# of Video Inputs	Output Type	# of Video Outputs	HDMI/DVI Inputs	HDMI/DVI Outputs
ADV7671A	48 Gbps HDMI 1:1 Transceiver	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	LFCSP:LEADFRM CHIP SCALE	HDMI/DVI TxRx	HDMI	1 HDMI	HDMI	1 HDMI	-	-
ADV7671	48 Gbps HDMI 1:1 Transceiver	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	108-Lead LFCSP (12 mm x 12 mm x 0.85 mm)	HDMI/DVI TxRx	HDMI	1 HDMI	HDMI	1 HDMI	-	-
ADV7674	48 Gbps HDMI 4:1 Transceiver	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	108-Lead LFCSP (12 mm x 12 mm x 0.85 mm)	HDMI/DVI TxRx	HDMI	4 HDMI	HDMI	1 HDMI	-	-
ADV7672	40 Gbps HDMI 2:2 Crosspoint Transceiver	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	LFCSP:LEADFRM CHIP SCALE	HDMI/DVI TxRx, Video Signal Processor	HDMI	2 HDMI	HDMI	2 HDMI	-	-
ADV7535	MIPI/DSI Receiver with HDMI Transmitter	RECOMMENDED FOR NEW DESIGNS	30500	-	49-Ball WLCSP (3.46mm x 3.46mm)	HDMI/DVI Tx, MIPI	MIPI-DSI	1 DSI (4 lane)	HDMI	1 HDMI	-	-
ADV7480	Dual Mode HDMI/MHL Receiver	PRODUCTION	Check Distributor Inventory	-	100-Ball CSPBGA (9mm x 9mm x 1.25mm)	HDMI/DVI Rx, MIPI	HDMI, Pixel Bus	1 HDMI, 8-bit Pixel Bus	MIPI-CSI, Pixel Bus	2 CSI (4-lane:1-lane), 8-bit Pixel Bus	1	-
ADV7482	Integrated Video Decoder and HDMI Receiver	PRODUCTION	Check Distributor Inventory	-	100-Ball CSPBGA (9mm x 9mm x 1.25mm)	HDMI/DVI Rx, MIPI, Video Decoder	Analog SD, HDMI, Pixel Bus	1 HDMI, 8 Analog, 8-bit Pixel Bus	MIPI-CSI, Pixel Bus	2 CSI (4-lane:1-lane), 8-bit Pixel Bus	1	-

	Description	Product Lifecycle	Availability	1ku List Price	Package	Video Primary Function	Input Type	# of Video Inputs	Output Type	# of Video Outputs	HDMI/DVI Inputs	HDMI/DVI Outputs
ADV7481	Integrated Video Decoder and Dual-Mode HDMI/MHL Receiver	PRODUCTION	Check Distributor Inventory	-	100-Ball CSPBGA (9mm x 9mm x 1.25mm)	HDMI/DVI Rx, MIPI, Video Decoder	Analog SD, HDMI, MHL, Pixel Bus	1 HDMI, 1 MHL, 8 Analog, 8-bit Pixel Bus	MIPI-CSI, Pixel Bus	2 CSI (4-lane:1-lane), 8-bit Pixel Bus	1	-
ADV7625	3GHz HDMI 5:2 cross point Transceiver with On-Screen Display	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	260-Ball CSPBGA (15mm x 15mm x 1.5mm)	HDMI/DVI Rx, HDMI/DVI Tx	HDMI, Pixel Bus	16-bit Pixel Bus, 5 HDMI	HDMI	2 HDMI	5	2
ADV7626	3GHz HDMI 2:2 cross point Transceiver with On-Screen Display	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	260-Ball CSPBGA (15mm x 15mm x 1.5mm)	HDMI/DVI Rx, HDMI/DVI Tx, HDMI/DVI TxRx	HDMI	2 HDMI	HDMI	2 HDMI	2	2
ADV7627	3GHz HDMI 5:1 Transceiver with On-Screen Display	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	260-Ball CSPBGA (15mm x 15mm x 1.5mm)	HDMI/DVI Rx, HDMI/DVI Tx, HDMI/DVI TxRx	HDMI, Pixel Bus	16-bit Pixel Bus, 5 HDMI	HDMI	1 HDMI	5	1
ADV7680	APIX2 Transmitter with HDMI and HDCP Support	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	64-Lead LFCSP (9mm x 9mm w/ EP)	APIX, HDMI/DVI Rx	HDMI, Pixel Bus	1 HDMI, 8-bit Pixel Bus	APIX	1 APIX	1	-
ADV7682	APIX2 Transmitter with Dual Port HDMI and HDCP Support	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	100-Lead LQFP (14mm x 14mm w/ heatsink)	APIX, HDMI/DVI Rx	HDMI, Pixel Bus	2 HDMI, 8-bit Pixel Bus	APIX	1 APIX	2	-
ADV7610	Low Power, 165 MHz HDMI Receiver	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	76-Ball CSPBGA (6mm x 6mm x 1.4mm)	HDMI/DVI Rx	HDMI	1 HDMI	Pixel Bus	24-bit Pixel Bus	1	-

	Description	Product Lifecycle	Availability	1ku List Price	Package	Video Primary Function	Input Type	# of Video Inputs	Output Type	# of Video Outputs	HDMI/DVI Inputs	HDMI/DVI Outputs
ADV7630	2.25 GHz XpressView HDMI 1:2 Splitter with 4:1 Input Mux	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	128-Lead TQFP (14mm x 14mm w/ EP)	HDMI/DVI Rx, HDMI/DVI Tx, HDMI/DVI TxRx	HDMI	4 HDMI	HDMI	2 HDMI	4	2
ADV8003	Video Signal Processor with Bitmap OSD, Dual HDMI Tx, and Video Encoder	LAST TIME BUY	1334	-	425-Ball CSPBGA (19mm x 19mm)	HDMI/DVI Tx, Video Encoder, Video Signal Processor	Pixel Bus, TMDS	1 TMDS, 60-bit Pixel Bus	Analog HD, Analog SD, HDMI, Pixel Bus	2 HDMI, 6 Analog, 60-bit Pixel Bus	-	-
ADV7850	Complete AV Front-End	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	425-Ball CSPBGA (19mm x 19mm)	HDMI/DVI Rx, HDMI/DVI Tx, Video Decoder	Analog HD, Analog SD, Graphics, HDMI	13 Analog, 4 HDMI	HDMI	1 HDMI	4	-
ADV7619	Dual Port, Xpressview, 3 GHz HDMI Receiver	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	128-Lead TQFP (14mm x 14mm w/ EP)	HDMI/DVI Rx	HDMI	2 HDMI	Pixel Bus	48-bit Pixel Bus	2	-
ADV7513	165 MHz High Performance HDMI Transmitter	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	64-Lead LQFP (10mm x 10mm w/ EP)	HDMI/DVI Tx	Pixel Bus	24-bit Pixel Bus	HDMI	1 HDMI	-	-
ADV7611	Low Power 165 MHz HDMI Receiver	RECOMMENDED FOR NEW DESIGNS	58409	-	64-Lead LQFP (10mm x 10mm w/ EP)	HDMI/DVI Rx	HDMI	1 HDMI	Pixel Bus	24-bit Pixel Bus	1	-
ADV7612	Dual Port, Xpressview, 225 MHz HDMI Receiver	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	100-Lead LQFP (14mm x 14mm w/ heatsink)	HDMI/DVI Rx	HDMI	2 HDMI	Pixel Bus	36-bit Pixel Bus	2	-
ADV7511W	165 MHz High Performance HDMI Transmitter	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	64-Lead LQFP (10mm x 10mm w/ EP)	HDMI/DVI Tx	Pixel Bus	24-bit Pixel Bus	HDMI	1 HDMI	-	-

	Description	Product Lifecycle	Availability	1ku List Price	Package	Video Primary Function	Input Type	# of Video Inputs	Output Type	# of Video Outputs	HDMI/DVI Inputs	HDMI/DVI Outputs
ADV7524A	Low Power HDMI®/DVI Transmitter with Consumer Electronic Control (CEC)	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	49-Ball WLCSP (3.46mm x 3.46mm)	HDMI/DVI Tx	Pixel Bus	16-bit Pixel Bus	HDMI	1 HDMI	-	-
ADV7842	Dual HDMI 1.4 Fast Switching Receiver with 12-Bit, 170 MHz Video and Graphics Digitizer and 3D Comb Filter Decoder	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	256-Ball CSPBGA (17mm x 17mm x 1.7mm)	Analog HDMI/DVI Interfaces, HDMI/DVI Rx, Video Decoder	Analog HD, Analog SD, Graphics, HDMI	12 Analog, 2 HDMI	Pixel Bus	36-bit Pixel Bus	4	-
ADV7844	Quad HDMI 1.4 Fast Switching Receiver with 12-Bit, 170 MHz Video and Graphics Digitizer and 3D Comb Filter Decoder	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	425-Ball CSPBGA (19mm x 19mm)	HDMI/DVI Rx, Video Decoder	Analog HD, Analog SD, Graphics, HDMI	12 Analog, 4 HDMI	Pixel Bus	36-bit Pixel Bus	4	-
ADV7511	225 MHz, High Performance HDMI® Transmitter with ARC	RECOMMENDED FOR NEW DESIGNS	450	-	100-Lead LQFP (14mm x 14mm)	HDMI/DVI Tx	Pixel Bus	36-bit Pixel Bus	HDMI	1 HDMI	-	-
ADV7622	HDMI® Transceiver	LAST TIME BUY	Check Distributor Inventory	-	144-Lead LQFP (20mm x 20mm)	HDMI/DVI Rx, HDMI/DVI Tx, HDMI/DVI TxRx	HDMI	4 HDMI	HDMI	1 HDMI	4	1

	Description	Product Lifecycle	Availability	1ku List Price	Package	Video Primary Function	Input Type	# of Video Inputs	Output Type	# of Video Outputs	HDMI/DVI Inputs	HDMI/DVI Outputs
MAX14998	Two-Lane and Four-Lane DisplayPort Passive Switches with Separate AUX/HPD Control	PRODUCTION	1442	\$4.93 (MAX14998ETO+T)	42-LFCSP-3.5X9X0.75	Display Port Analog Switch	-	-	-	-	-	-
ADV7614	12-bit Deep Color Quad HDMI Receiver	PRODUCTION	Check Distributor Inventory	-	260-Ball CSPBGA (15mm x 15mm x 1.5mm)	HDMI/DVI Rx	HDMI	4 HDMI	Pixel Bus	36-bit Pixel Bus	4	-
ADV7623	HDMI® Transceiver with Xpressview™ Fast Switching Technology	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	144-Lead LQFP (20mm x 20mm)	HDMI/DVI Rx, HDMI/DVI Tx, HDMI/DVI TxRx	HDMI	4 HDMI	HDMI	1 HDMI	4	1
ADV7604	12-Bit, Deep Color HDMI v1.3 Receiver with Analog Interface	PRODUCTION	Check Distributor Inventory	-	260-Ball CSPBGA (15mm x 15mm x 1.5mm)	Analog HDMI/DVI Interfaces, HDMI/DVI Rx, Video Decoder	Analog HD, Graphics, HDMI	12 Analog, 4 HDMI	Pixel Bus	36-bit Pixel Bus	4	-
ADV3002	4:1 HDMI/DVI Switch with Equalization DDC/CEC Buffers and EDID Replication	NOT RECOMMENDED FOR NEW DESIGNS	3187	\$3.51 (ADV3002BSTZ)	80-Lead LQFP (14mm x 14mm)	HDMI/DVI Switches	-	-	-	-	4	1
ADV3003	HDMI/DVI TMDS Equalizer	NOT RECOMMENDED FOR NEW DESIGNS	48013	\$2.01 (ADV3003ACPZ)	40-Lead LFCSP (6mm x 6mm w/ EP)	HDMI/DVI Switches	-	-	-	-	1	1
AD8197B	4:1 HDMI/DVI Switch with Equalization	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	\$6.62 (AD8197BASTZ)	100-Lead LQFP (14mm x 14mm)	HDMI/DVI Switches	-	-	-	-	4	1

	Description	Product Lifecycle	Availability	1ku List Price	Package	Video Primary Function	Input Type	# of Video Inputs	Output Type	# of Video Outputs	HDMI/DVI Inputs	HDMI/DVI Outputs
AD8192	2:1 HDMI/DVI Switch with Equalization and DDC/CEC Buffers	NOT RECOMMENDED FOR NEW DESIGNS	4928	\$3.10 (AD8192ACPZ)	56-Lead LFCSP (8mm x 8mm w/ EP)	HDMI/DVI Switches	-	-	-	-	2	1
AD8194	Buffered 2:1 TMDS Switch with Equalization	NOT RECOMMENDED FOR NEW DESIGNS	140	\$1.87 (AD8194ACPZ)	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	HDMI/DVI Switches	-	-	-	-	2	1
AD8195	1:1 HDMI/DVI Buffer with Equalization	PRODUCTION	2041	\$2.16 (AD8195ACPZ)	40-Lead LFCSP (6mm x 6mm w/ EP)	HDMI/DVI Switches	-	-	-	-	1	1
MAX4928B	DisplayPort/PCIe Passive Switches	PRODUCTION	Check Distributor Inventory	\$4.77 (MAX4928BETN+T)	56-LFCSP-5X11X0.75	Display Port Analog Switch	-	-	-	-	-	-
MAX4814E	DVI™/HDMI 2:4 Low-Frequency Fanout Switch	PRODUCTION	134	\$9.11 (MAX4814EECB+)	64-TQFP_EP-10X10X1.0	HDMI/DVI Switches	HDMI	2 HDMI	HDMI	4 HDMI	2	4
MAX4929E	HDMI 2:1 Low-Frequency Translating Switch	PRODUCTION	40377	\$1.14 (MAX4929EEEP+)	20-QSOP-150_MIL,20-LFCSP-4X4X0.75	HDMI/DVI Switches	HDMI	2 HDMI	HDMI	1 HDMI	2	1
MAX9406	DisplayPort to DVI™/HDMI Level Shifter	PRODUCTION	1509	\$2.69 (MAX9406ETJ+)	32-LFCSP-5X5X0.75,Thin Quad Flatpack, No Leads	Display Port Analog Switch	DisplayPort	4 DisplayPort	HDMI	4 HDMI	-	4
MAX4886	Quad, High-Speed HDMI/DVI 2:1 Digital Video Switch	RECOMMENDED FOR NEW DESIGNS	1480	\$2.74 (MAX4886ETO+T)	42-LFCSP-3.5X9X0.75	HDMI/DVI Switches	HDMI	2 HDMI	HDMI	1 HDMI	2	1
MAX3815	TMDS Digital Video Equalizer for DVI/HDMI Cables	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	48-TQFP_EP-7X7X1.0	TMDS Digital Video Equalizer	TMDS	1 TMDS	-	-	-	-

	Description	Product Lifecycle	Availability	1ku List Price	Package	Video Primary Function	Input Type	# of Video Inputs	Output Type	# of Video Outputs	HDMI/DVI Inputs	HDMI/DVI Outputs
ADV7613	Low Power HDMI to LVDS Display Bridge	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	100-Ball CSPBGA (9mm x 9mm x 1.25mm)	HDMI/DVI Rx, LVDS	HDMI	1 HDMI	LVDS (OpenLDI)	2 LVDS Tx	1	-
ADV8005	-	RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	425-Ball CSPBGA (19mm x 19mm)	HDMI/DVI Tx, Video Encoder, Video Signal Processor	Pixel Bus, TMDS	1 TMDS, 60-bit Pixel Bus	Analog HD, Analog SD, HDMI, Pixel Bus	2 HDMI, 6 Analog, 60-bit Pixel Bus	-	-

Lens Driver Components

Parts	Description	Product Lifecycle	Availability	1ku List Price	Package	Converter Primary Function	Resolution	DAC Type	Vs+ min	Vs+ max	Vref Source	Settling Time typ	Iout max FS	Update Rate
AD5821A	120 mA, Current Sinking, 10-Bit, I2C DAC	PRODUCTION	339	\$0.91 (AD5821ABCBZ-REEL7)	9-Ball WLCSP (1.515mm x 1.69mm)	Precision DAC	10	Current-Sinking	2.7	5.5	Internal	250μ	120m	130k
MAX14515	High-Voltage Liquid Lens Driver	PRODUCTION	5433	\$2.65 (MAX14515AEWA+T)	Wafer-Level Package 2x4 Bump, Full Array	High Voltage Liquid Lens Driver	8	Voltage Out	2.7	5.5	Internal	1m	-	-
AD5821	120 mA, Current Sinking, 10-Bit, I2C® DAC	PRODUCTION	Check Distributor Inventory	-	UNSAWN DIE/WAFER SALES	Precision DAC	10	Current-Sinking	2.7	5.5	Internal	250μ	120m	-

MIPI Video Devices

Parts	Description	Product Lifecycle	Availability	1ku List Price	Package	Video Primary Function	Input Type	# of Video Inputs	Output Type	# of Video Outputs	NDA Required
ADV7280A	10-Bit, 4× Oversampled SDTV Video Decoder with Deinterlacer	RECOMMENDED FOR NEW DESIGNS	8636	\$5.78 (ADV7280AWBCPZ)	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	Video Decoder	Analog SD	4 Analog	Pixel Bus	8-bit Pixel Bus	No
ADV7280A-M	10-Bit, 4× Oversampled SDTV Video Decoder with Deinterlacer	RECOMMENDED FOR NEW DESIGNS	8636	\$5.78 (ADV7280AWBCPZ-M)	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	MIPI, Video Decoder	Analog SD	8 Analog	MIPI-CSI	1 CSI (1-lane)	No
ADV7281A-M	10-Bit, 4× Oversampled SDTV Video Decoder with Differential Inputs	RECOMMENDED FOR NEW DESIGNS	16194	\$6.61 (ADV7281AWBCPZ-M)	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	MIPI, Video Decoder	Analog SD	4 Analog	MIPI-CSI	1 CSI (1-lane)	No
ADV7282A	10-Bit, 4× Oversampled SDTV Video Decoder with Differential Inputs	RECOMMENDED FOR NEW DESIGNS	28245	\$7.06 (ADV7282AWBCPZ)	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	Video Decoder	Analog SD	4 Analog	Pixel Bus	8-bit Pixel Bus	No
ADV7282A-M	10-Bit, 4× Oversampled SDTV Video Decoder with Differential Inputs	RECOMMENDED FOR NEW DESIGNS	28245	\$7.06 (ADV7282AWBCPZ-M)	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	MIPI, Video Decoder	Analog SD	6 Analog	MIPI-CSI	1 CSI (1-lane)	No
ADV7535	MIPI/DSI Receiver with HDMI Transmitter	RECOMMENDED FOR NEW DESIGNS	30500	-	49-Ball WLCSP (3.46mm x 3.46mm)	HDMI/DVI Tx, MIPI	MIPI-DSI	1 DSI (4 lane)	HDMI	1 HDMI	Yes
ADV7480	Dual Mode HDMI/MHL Receiver	PRODUCTION	Check Distributor Inventory	-	100-Ball CSPBGA (9mm x 9mm x 1.25mm)	HDMI/DVI Rx, MIPI	HDMI, Pixel Bus	1 HDMI, 8-bit Pixel Bus	MIPI-CSI, Pixel Bus	2 CSI (4-lane:1-lane), 8-bit Pixel Bus	No

	Description	Product Lifecycle	Availability	1ku List Price	Package	Video Primary Function	Input Type	# of Video Inputs	Output Type	# of Video Outputs	NDA Required
ADV7482	Integrated Video Decoder and HDMI Receiver	PRODUCTION	Check Distributor Inventory	-	100-Ball CSPBGA (9mm x 9mm x 1.25mm)	HDMI/DVI Rx, MIPI, Video Decoder	Analog SD, HDMI, Pixel Bus	1 HDMI, 8 Analog, 8-bit Pixel Bus	MIPI-CSI, Pixel Bus	2 CSI (4-lane:1-lane), 8-bit Pixel Bus	No
ADV7481	Integrated Video Decoder and Dual-Mode HDMI/MHL Receiver	PRODUCTION	Check Distributor Inventory	-	100-Ball CSPBGA (9mm x 9mm x 1.25mm)	HDMI/DVI Rx, MIPI, Video Decoder	Analog SD, HDMI, MHL, Pixel Bus	1 HDMI, 1 MHL, 8 Analog, 8-bit Pixel Bus	MIPI-CSI, Pixel Bus	2 CSI (4-lane:1-lane), 8-bit Pixel Bus	No
ADV7782	APIX2 Receiver with LVDS, HDCP, and MIPI Support	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	100-Ball CSPBGA (9mm x 9mm x 1.25mm)	APIX, LVDS, MIPI	APIX, LVDS (OpenLDI)	1 APIX, 1 LVDS	MIPI-CSI	2 CSI (4-lane:1-lane)	Yes
ADV7280	10-Bit, 4× Oversampled SDTV Video Decoder with Deinterlacer	NOT RECOMMENDED FOR NEW DESIGNS	9731	\$5.20 (ADV7280BCPZ)	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	Video Decoder	Analog SD	4 Analog	Pixel Bus	8-bit Pixel Bus	No
ADV7280-M	10-Bit, 4× Oversampled SDTV Video Decoder with Deinterlacer	NOT RECOMMENDED FOR NEW DESIGNS	9731	\$5.20 (ADV7280BCPZ)	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	MIPI, Video Decoder	Analog SD	8 Analog	MIPI-CSI	1 CSI (1-lane)	No
ADV7281	10-Bit, 4× Oversampled SDTV Video Decoder Decoder with Differential Inputs	NOT RECOMMENDED FOR NEW DESIGNS	11054	\$6.61 (ADV7281WBCPZ)	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	Video Decoder	Analog SD	4 Analog	Pixel Bus	8-bit Pixel Bus	No
ADV7281-M	10-Bit, 4× Oversampled SDTV Video Decoder Decoder with Differential Inputs	NOT RECOMMENDED FOR NEW DESIGNS	11054	\$6.61 (ADV7281WBCPZ)	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	MIPI, Video Decoder	Analog SD	6 Analog	MIPI-CSI	1 CSI (1-lane)	No

	Description	Product Lifecycle	Availability	1ku List Price	Package	Video Primary Function	Input Type	# of Video Inputs	Output Type	# of Video Outputs	NDA Required
ADV7281-MA	10-Bit, 4× Oversampled SDTV Video Decoder Decoder with Differential Inputs	NOT RECOMMENDED FOR NEW DESIGNS	11054	\$7.60 (ADV7281WBCPZ-MA)	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	MIPI, Video Decoder	Analog SD	8 Analog	MIPI-CSI	1 CSI (1-lane)	No
ADV7282	10-Bit, 4× Oversampled SDTV Video Decoder with Differential Inputs and Deinterlacer	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	\$7.06 (ADV7282WBCPZ)	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	Video Decoder	Analog SD	4 Analog	Pixel Bus	8-bit Pixel Bus	No
ADV7282-M	10-Bit, 4× Oversampled SDTV Video Decoder with Differential Inputs and Deinterlacer	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	\$7.06 (ADV7282WBCPZ)	32-Lead LFCSP (5mm x 5mm x 0.75mm w/ EP)	MIPI, Video Decoder	Analog SD	6 Analog	MIPI-CSI	1 CSI (1-lane)	No

Sample Rate Converters

Parts	Description	Product Lifecycle	Availability	1ku List Price	Package	Sample Rate Ratios	Resolution	Sample Rate max	THD+N typ @ 1 kHz	DNR typ	Is typ	Vs+ min	Vs+ max	Vs typ Core
ADAU7112	Stereo PDM to I2S/TDM Converter	RECOMMENDED FOR NEW DESIGNS	55123	\$1.19 (ADAU7112ACBZR7)	9-Ball WLCSP (1.26mm x 1.26mm x 0.50mm)	-	24	96k	-	126	1.6m	1.1	1.98	1.8 V
ADAU7118	8 Channel, PDM to I2S/TDM Converter	RECOMMENDED FOR NEW DESIGNS	2455	\$2.97 (ADAU7118ACPZRL)	16-Lead LFCSP (3mm x 3mm w/ EP)	-	24	192k	124	126	3.4m	1.7	3.63	-
ADAU7002	Stereo PDM-to-I2S or TDM Conversion IC	PRODUCTION	437	\$0.77 (ADAU7002ACBZR7)	8-Ball WLCSP (0.8mm x 1.56mm)	-	-	96k	-	110	1.75m	1.62	3.6	-
AD1895	192 kHz Stereo Asynchronous Sample Rate Converter	PRODUCTION	14	\$5.38 (AD1895AYRSZ)	28-Lead SSOP	7.75:1, 8:1	24	192k	-110	125	43m	3.3	5	3.3 V
AD1896	192 kHz Stereo Asynchronous Sample Rate Converter	PRODUCTION	670	\$15.13 (AD1896AYRSZ)	28-Lead SSOP	7.75:1, 8:1	24	192k	-120	139	43m	3.3	5	3.3 V

Video Amplifiers and Analog Video Functions

Parts	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 dB typ	Is typ	Vs span min	Vs span max
ADA4807-4	3.1 nV/√Hz, 1 mA, 180 MHz, Rail-to-Rail Input/Output Amplifier	RECOMMENDED FOR NEW DESIGNS	Video Amplifier	4	180M	1m	2.7	11
ADA4807-2	3.1 nV/√Hz, 1 mA, 180 MHz, Rail-to-Rail Input/Output Amplifier	RECOMMENDED FOR NEW DESIGNS	Video Amplifier	2	180M	1m	2.7	11
ADA4807-1	3.1 nV/√Hz, 1 mA, 180 MHz, Rail-to-Rail Input/Output Amplifier	RECOMMENDED FOR NEW DESIGNS	Video Amplifier	1	180M	1m	2.7	11
ADA4432-1	Single-Ended SD Video Filter Amplifier with Output Short-to-Battery Protection	RECOMMENDED FOR NEW DESIGNS	Video Variable Filter	1	10.5M	7.6m	2.6	3.6
AD8122	Triple Differential Receiver with 300m Adjustable Cable Equalization	PRODUCTION	Cable Line Equalizer	3	155M	186m	9	11
ADA4433-1	Fully Differential SD Video Filter Amplifier with Output Short-to-Battery Protection	PRODUCTION	Video Variable Filter	1	9.9M	13.2m	2.6	3.6
ADV3205	60 MHz, G = +2, 16 × 16 Buffered Analog Crosspoint Switch	RECOMMENDED FOR NEW DESIGNS	Crosspoint	16	60M	45m	9	11
AD8182S	Aerospace Dual 2:1 Buffered, 750 MHz, 3.8 mA, 10 ns Switching Multiplexer	PRODUCTION	Crosspoint	2	930M	-	8	12
AD8124	Triple Differential Receiver with 200 Meter Adjustable Cable Equalization	PRODUCTION	Cable Line Equalizer	3	110M	256m	9	11
AD8141	Low Cost, Triple Differential Drivers for Wideband Video	RECOMMENDED FOR NEW DESIGNS	Differential Driver	3	275M	44m	4.5	5.5
AD8142	Low Cost, Triple Differential Drivers for Wideband Video	PRODUCTION	Differential Driver	3	285M	47m	4.5	5.5
ADV3228	750 MHz, 8 × 8 Analog Crosspoint Switch	PRODUCTION	Crosspoint	8	1.2G	52m	9	11
ADV3224	750 MHz, 16 × 8 Analog Crosspoint Switch	PRODUCTION	Crosspoint	16	1.2G	52m	9	11
ADV3225	750 MHz, 16 × 8 Analog Crosspoint Switch	PRODUCTION	Crosspoint	16	900M	58m	9	11

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 typ dB	Is typ	Vs min span	Vs max span
ADV3229	750 MHz, 8 x 8 Analog Crosspoint Switch	PRODUCTION	Crosspoint	8	900M	58m	9	11
ADA4891-3	Low Cost CMOS, High Speed, Rail-to-Rail Amplifier (Triple)	PRODUCTION	Video Amplifier	3	220M	4.4m	2.7	5.5
ADA4891-4	Low Cost CMOS, High Speed, Rail-to-Rail Amplifier (Quad)	PRODUCTION	Video Amplifier	4	220M	4.4m	2.7	5.5
ADA4800	Low Power, High Speed CCD Buffer Amplifier	PRODUCTION	Video Amplifier	1	400M	1.4m	4	17
ADA4891-1	Low Cost CMOS, High Speed, Rail-to-Rail Amplifier (Single)	PRODUCTION	Video Amplifier	1	240M	4.4m	2.7	5.5
ADA4891-2	Low Cost CMOS, High Speed, Rail-to-Rail Amplifiers (Dual)	PRODUCTION	Video Amplifier	2	240M	4.4m	2.7	5.5
ADV3219	800 MHz, 2:1 Analog Multiplexer, Gain = +1	PRODUCTION	Multiplexer	2	840M	7m	9	11
ADV3220	800 MHz, 2:1 Analog Multiplexer, Gain = +2	PRODUCTION	Multiplexer	2	800M	7.5m	9	11
ADV3221	800 MHz, 4:1 Analog Multiplexer	PRODUCTION	Multiplexer	4	1G	7m	9	11
ADV3222	800 MHz, 4:1 Analog Multiplexer	PRODUCTION	Multiplexer	4	800M	7.5m	9	11
ADV3226	750 MHz, 16 x 16 Analog Crosspoint Switch	PRODUCTION	Crosspoint	16	820M	220m	9	11
ADV3227	750 MHz, 16 x 16 Analog Crosspoint Switch	PRODUCTION	Crosspoint	16	750M	125m	9	11
ADA4424-6	6-Channel SD/ED/HD Video Filter with Charge Pump	PRODUCTION	Video Variable Filter	2	39M	93m	3.14	3.46
ADA4859-3	Single-Supply, Fixed G = 2, High Speed, Video Amplifier with Charge Pump	PRODUCTION	Video Amplifier	3	265M	5.7m	3	5.5
ADA4858-3	Single-Supply, High Speed, Triple Op Amp with Charge Pump	PRODUCTION	Video Amplifier	3	600M	19m	3	5.5
ADV3202	300 MHz, 32 x 16 Buffered Analog Crosspoint Switch	PRODUCTION	Crosspoint	32	300M	-	4.5	5.5

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 typ dB	Is typ	Vs min span	Vs max span
ADV3203	300 MHz, 32 × 16 Buffered Analog Crosspoint Switch	PRODUCTION	Crosspoint	32	300M	-	6	7.2
ADV3200	300 MHz, 32 × 32 Buffered Analog Crosspoint Switch	PRODUCTION	Crosspoint	32	300M	-	4.5	7.2
ADV3201	300 MHz, 32 × 32 Buffered Analog Crosspoint Switch	PRODUCTION	Crosspoint	32	300M	-	4.5	7.2
ADA4856-3	Single-Supply, High Speed, Fixed G = +2, Rail-to-Rail Output Video Amplifier	PRODUCTION	Video Amplifier	3	370M	7.8m	3	5.5
ADA4420-6	Low Cost 6-Channel HD/SD Video Filter	PRODUCTION	Video Variable Filter	2	31M	32m	4.75	5.25
AD8041S	Aerospace 160 MHz Rail-to-Rail Amplifier with Disable	PRODUCTION	-	-	-	-	3	12
ADA4304-2	1:2 Single-Ended, Low Cost, Active RF Splitter	PRODUCTION	Video/RF Active Splitter	1	1.6G	88m	4.75	5.25
ADA4304-3	1:3 Single-Ended, Low Cost, Active RF Splitters	PRODUCTION	Video/RF Active Splitter	1	2.4G	92m	4.75	5.25
ADA4304-4	1:4 Single-Ended, Low Cost, Active RF Splitters	PRODUCTION	Video/RF Active Splitter	1	2.4G	92m	4.75	5.25
AD8061	Low Cost, 300 MHz Rail-to-Rail Amplifier (Single)	PRODUCTION	Video Amplifier	1	320M	9.5m	2.7	8
AD8062	Low Cost, 300 MHz Rail-to-Rail Amplifier (Dual)	PRODUCTION	Video Amplifier	2	320M	9.5m	2.7	8
AD8063	Low Cost, 300 MHz Rail-to-Rail Amplifier (Single with Disable)	PRODUCTION	Video Amplifier	1	320M	9.5m	2.7	8
AD8091	Low Cost, High Speed Rail-to-Rail Amplifier (Single)	PRODUCTION	Video Amplifier	1	110M	5.5m	3	12
AD8092	Low Cost, High Speed Rail-to-Rail Amplifier (Dual)	PRODUCTION	Video Amplifier	2	110M	4.8m	3	12
AD8123	Triple Differential Receiver with Adjustable Line Equalization	PRODUCTION	Cable Line Equalizer	3	120M	258m	9	11

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 typ dB	Is typ	Vs min span	Vs max span
AD8146	Triple Differential Driver for Wideband Video	PRODUCTION	Differential Driver	3	700M	57m	4.5	11
AD8147	Triple Differential Driver for Wideband Video	PRODUCTION	Differential Driver	3	600M	61.5m	4.5	11
AD8148	Triple Differential Driver for Wideband Video	PRODUCTION	Differential Driver	3	700M	62.5m	4.5	11
ADA4853-1	Low Power, Rail-to-Rail Output, Video Op Amps with Ultralow Power	PRODUCTION	Video Amplifier	1	100M	1.4m	2.65	5
ADA4853-2	Low Power, Rail-to-Rail Output, Video Op Amp with Ultralow Power	PRODUCTION	Video Amplifier	2	100M	1.4m	2.65	5
ADA4853-3	Low Power, Rail-to-Rail Output, Video Op Amp with Ultralow Power	PRODUCTION	Video Amplifier	3	100M	1.4m	2.65	5
ADA4431-1	Ultralow Power SD Video Filter with Load Detection	PRODUCTION	Video Variable Filter	1	7.9M	4.7m	2.5	3.6
AD8112	Audio/Video, 60 MHz, 16 × 8, Gain of +2 Crosspoint Switch	PRODUCTION	Crosspoint	16	60M	-	9	25.2
AD8145	High Speed, Triple Differential Receiver with Comparators	PRODUCTION	Differential Driver	3	500M	48.5m	4.5	11
AD8188	350 MHz Single-Supply (5 V) Triple 2:1 Multiplexer	PRODUCTION	Multiplexer	3	350M	-	3.5	5.5
AD8189	350 MHz Single-Supply (5 V) Triple 2:1 Multiplexer	PRODUCTION	Multiplexer	3	350M	-	3.5	5.5
ADA4303-2	1:2 Single-Ended, Low Cost Active RF Splitter	PRODUCTION	Video/RF Active Splitter	1	1.7G	78m	4.5	5.5
AD8110	260 MHz, 16 x 8 Buffered Video Crosspoint Switch (Gain=1)	PRODUCTION	Crosspoint	-	390M	-	9	11
AD8111	260 MHz, 16 x 8 Buffered Video Crosspoint Switch (Gain=2)	PRODUCTION	Crosspoint	-	260M	-	9	11
AD8074	500 MHz, G=+1 and +2 Triple Video Buffers with Disable	PRODUCTION	Video Amplifier	3	600M	24m	9	11
AD8075	500 MHz, G=+1 and +2 Triple Video Buffers with Disable	PRODUCTION	Video Amplifier	3	550M	24m	9	11

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 dB typ	Is typ	Vs span min	Vs span max
LT6557	500MHz, 2200V/μs Gain of 2, Single Supply Triple Video Amplifier with Input Bias Control	NOT RECOMMENDED FOR NEW DESIGNS	Video Amplifier	3	500M	22.5m	3	7.5
LT6559	Low Cost 5V/±5V 300MHz Triple Video Amplifier in 3mm x 3mm QFN	RECOMMENDED FOR NEW DESIGNS	Video Amplifier	3	300M	3.9m	4	12
ADA4417-3	Integrated Triple Video Filter for High Definition Video	PRODUCTION	Video Variable Filter	2	42M	24m	3.3	5
LT6558	550MHz, 2200V/μs Gain of 1, Single Supply Triple Video Amplifier with Input Bias Control	RECOMMENDED FOR NEW DESIGNS	Video Amplifier	3	550M	22.5m	3	7.5
AD8170	2 Channel Buffered, 250MHz, 10 ns Multiplexer w/Amplifier	PRODUCTION	Crosspoint	-	250M	-	8	12
AD8174	4 Channel Buffered, 250 MHz, 10 ns Switching Multiplexer w/Amplifier	PRODUCTION	Crosspoint	-	250M	-	8	12
AD8180	Single, 2:1 Buffered, 750 MHz, 3.8 mA 10 ns Switching Multiplexer	PRODUCTION	Crosspoint	1	930M	-	8	12
AD8182	Dual 2:1 Buffered, 750 MHz, 3.8 mA, 10 ns Switching Multiplexer	PRODUCTION	Crosspoint	2	780M	-	8	12
AD8183	380 MHz, 25mA, Triple 2:1, Buffered (Gain = +1) Multiplexer	PRODUCTION	Multiplexer	3	590M	-	9	11
AD8184	700 MHz, 5 mA, 4-to-1, Buffered Video Multiplexer	PRODUCTION	Crosspoint	4	700M	-	8	12
AD8185	310 MHz, 25 mA, Triple 2:1, Buffered (Gain = +2) Multiplexer	PRODUCTION	Multiplexer	2	360M	-	9	11
AD8187	480 MHz, Single Supply, Triple 2:1, Buffered (G= +2) Multiplexer	PRODUCTION	Multiplexer	3	1G	-	3.5	5.5
AD8113	Audio/Video 60MHz 16 x 16 Crosspoint Switch	PRODUCTION	Crosspoint	-	60M	-	9	25.2
AD8116	200 MHz, 16 × 16 Buffered Video Crosspoint Switch	PRODUCTION	Crosspoint	-	200M	-	9	11
ADA4430-1	Ultralow Power Video Filter with Power-Down	PRODUCTION	Video Variable Filter	1	9.7M	1.85m	2.5	6
AD8021	Low Noise, High Speed Amplifier for 16-Bit Systems	PRODUCTION	Video Amplifier	1	560M	7.8m	5	24

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 dB typ	Is typ	Vs span min	Vs span max
AD8051	Low Cost, High Speed, Single, Rail-to-Rail Amplifier	PRODUCTION	Video Amplifier	1	110M	4.8m	3	12
AD8052	Low Cost, High Speed, Rail-to-Rail Amplifier	PRODUCTION	Video Amplifier	2	110M	4.8m	3	12
AD8054	Low Cost, High Speed, Rail-to-Rail Amplifier	PRODUCTION	Video Amplifier	4	160M	3.4m	3	12
ADA4410-6	Integrated Video Filter with Selectable Cutoff Frequencies for RGB, HD/SD, Y, C, and CV	PRODUCTION	Video Variable Filter	2	36M	92m	4.5	12
AD8055	Low Cost, Single, 300 MHz Voltage Feedback Amplifier	PRODUCTION	Video Amplifier	1	300M	6.5m	8	12
AD8056	Low Cost, Dual, 300 MHz Voltage Feedback Amplifier	PRODUCTION	Video Amplifier	2	300M	6m	8	12
AD8042	Dual 160 MHz Rail-to-Rail Amplifier	PRODUCTION	Video Amplifier	2	170M	6m	3	12
ADA4860-1	High Speed, Low Cost, Op Amp	PRODUCTION	Op Amp	1	800M	6m	5	12
AD8106	260 MHz, 16 × 5 Buffered Video Crosspoint Switches	PRODUCTION	Crosspoint	16	390M	-	9	11
AD8107	260 MHz, 16 × 5 Buffered Video Crosspoint Switches	PRODUCTION	Crosspoint	16	260M	-	9	11
AD8129	Low Cost 200 MHz Differential Receiver Amplifier	PRODUCTION	Differential Receiver	1	200M	10.8m	4.5	25.2
AD8130	Low Cost 270 MHz Differential Receiver Amplifier	PRODUCTION	Differential Receiver	1	270M	10.8m	4.5	25.2
ADA4861-3	High Speed, Low Cost, Triple Op-Amp	PRODUCTION	Video Amplifier	3	730M	16.1m	5	12
AD8143	High Speed, Triple Differential Receiver with Comparators	PRODUCTION	Differential Receiver	3	260M	39m	4.5	24
AD8128	CAT-5 Receiver with Adjustable Line Equalization	PRODUCTION	Cable Line Equalizer	1	120M	24m	9	11
AD8115	Low Cost, 225 MHz ,16 x 16 Crosspoint Switch, G=+2	PRODUCTION	Crosspoint	-	200M	-	9	11

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 typ dB	Is typ	Vs span min	Vs span max
AD8134	Triple Differential Driver With Sync-On-Common-Mode	PRODUCTION	Differential Driver	3	450M	31m	5	10
AD8114	Low Cost, 225 MHz, 16 × 16 Crosspoint Switch, G=+1	PRODUCTION	Crosspoint	-	225M	-	9	11
ADA4862-3	High Speed, G = +2, Low Cost, Triple Op Amp	PRODUCTION	Op Amp	3	720M	16m	5	12
AD8108	325 MHz, 8 x 8 Buffered Video Crosspoint Switch (Gain = 1)	PRODUCTION	Crosspoint	-	325M	-	9	11
AD8109	325 MHz, 8 x 8 Buffered Video Crosspoint Switch (Gain = 2)	PRODUCTION	Crosspoint	-	250M	-	9	11
LT6556	750MHz Gain of 1 Triple 2:1Video Multiplexer	PRODUCTION	Video Multiplexer	3	750M	9.5m	4.5	12.6
ADA4411-3	Integrated Triple Video Filter and Buffer with Selectable Cutoff Frequencies and Multiplexed Inputs for RGB, HD and SD	PRODUCTION	Video Variable Filter	3	37M	60m	4.5	12
AD811	High Performance Video Op Amp	PRODUCTION	Op Amp	1	140M	16.5m	9	36
AD829	High Speed, Low Noise Video Op Amp	PRODUCTION	Op Amp	1	120M	5.3m	9	36
ADA4412-3	Integrated Triple Video Filter with Selectable Cutoff Frequencies for RGB, HD and SD	PRODUCTION	Video Variable Filter	3	37M	56m	4.5	12
AD8131	Low-Cost, High Speed Differential Driver	PRODUCTION	Differential Driver	1	400M	11.5m	2.8	11
ADA4850-1	High Speed, Rail-to-Rail Output Op Amp with Ultralow Power-Down	PRODUCTION	Op Amp	1	175M	-	2.7	6
ADA4850-2	High Speed, Rail-to-Rail Output Op Amp with Ultralow Power-Down	PRODUCTION	Op Amp	2	175M	2.5m	2.7	6
AD8041	160 MHz Rail-to-Rail Amplifier with Disable	PRODUCTION	Video Amplifier	1	170M	5.8m	3	12
AD8044	Quad 150 MHz Rail-to-Rail Amplifier	PRODUCTION	Video Amplifier	4	160M	2.875m	3	12
AD8079	Dual 260 MHz Gain = +2.0 & +2.2 Buffer	PRODUCTION	Video Amplifier	2	260M	10m	6	12

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 typ dB	Is typ	Vs span min	Vs span max
MAX9503	DirectDrive® Video Amplifier with Reconstruction Filter	PRODUCTION	-	-	-	-	2.7	3.6
LT6555	650MHz Gain of 2 Triple 2:1Video Multiplexer	PRODUCTION	Video Multiplexer	3	650M	9m	4.5	12
MAX4030E	Low-Cost, 144MHz, Dual/Triple Op Amps with ±15kV ESD Protection	PRODUCTION	Video Amplifier	2	144M	12m	4.5	5
MAX4031E	Low-Cost, 144MHz, Dual/Triple Op Amps with ±15kV ESD Protection	PRODUCTION	Video Amplifier	3	144M	12m	4.5	5
AD8045	3 nV/√Hz Ultralow Distortion, High Speed Op Amp	PRODUCTION	Video Amplifier	1	1G	16m	3.3	12
AD9631	Ultralow Distortion, High Speed Op Amp, Stable at Gain of 1	PRODUCTION	Video Amplifier	1	320M	17m	6	12
AD8133	Triple Differential Driver with Output Pull-Down	PRODUCTION	Differential Driver	3	450M	28m	5	10
AD813	Single Supply, Low Power Triple Video Amplifier	PRODUCTION	Op Amp	3	100M	-	2.4	36
AD8039	Low Power, 350 MHz Voltage Feedback Amplifiers	PRODUCTION	Video Amplifier	2	350M	1m	3	12
AD8023	High Current Output, Triple Video Amplifier	PRODUCTION	Video Amplifier	3	125M	6.2m	4.2	15
AD8057	Low Cost, Single, High Performance Voltage Feedback, 325 MHz Amplifier	PRODUCTION	Video Amplifier	1	325M	6	3	12
AD8058	Low Cost, Dual, High Performance Voltage Feedback, 325 MHz Amplifier	PRODUCTION	Video Amplifier	2	325M	14m	3	12
AD8072	Low Cost, Dual Video Amplifier	LAST TIME BUY	Video Amplifier	2	100M	3m	5	12
AD8036	Unity Gain Stable - Low Distortion, Wide Bandwidth Voltage Feedback Clamp Amps	PRODUCTION	Video Amplifier	1	240M	20.5m	6	12
AD8038	Low Power, 350 MHz Voltage Feedback Amplifiers	PRODUCTION	Video Amplifier	1	350M	1m	3	12

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 typ dB	Is typ	Vs span min	Vs span max
AD8047	250 MHz, General Purpose Voltage Feedback Op Amps Gain 1 Stable	PRODUCTION	Video Amplifier	1	250M	5.8m	6	12
AD8048	250 MHz, General Purpose Voltage Feedback Op Amps Gain 2 Stable	PRODUCTION	Video Amplifier	1	260M	5.9m	6	12
LT6554	650MHz Gain of 1 Triple Video Buffer	LAST TIME BUY	Video Buffer	3	650M	8m	4	13.2
LT6211	Dual Programmable Supply Current, R-R Output, Current Feedback Amplifiers	PRODUCTION	Op Amp	2	200M	5.8m	3	13.2
LT6553	650MHz Gain of 2 Triple Video Amplifier	PRODUCTION	Video Amplifier	3	650M	8m	4	13.2
LT6210	Single Programmable Supply Current, R-R Output, Current Feedback Amplifiers	PRODUCTION	Op Amp	1	200M	5.8m	3	13.2
LT1193	Video Difference Amplifier	PRODUCTION	Op Amp	1	-	35m	4	18
LT6552	3.3V Single Supply Video Difference Amplifier	PRODUCTION	Video Difference Amplifier	1	-	12.5m	3	12.6
MAX4090	3V/5V, 6dB Video Buffer with Sync-Tip Clamp and 150nA Shutdown Current	RECOMMENDED FOR NEW DESIGNS	-	-	55M	6.5m	2.7	5.5
LT6550	3.3V Triple and Quad Video Amplifiers	PRODUCTION	Video Amplifier	3	-	9.5m	3	12.6
LT6551	3.3V Triple and Quad Video Amplifiers	NOT RECOMMENDED FOR NEW DESIGNS	Video Amplifier	4	-	9.5m	3	12.6
MAX4385E	Low-Cost, 230MHz, Single/Quad Op Amps with Rail-to-Rail Outputs and ±15kV ESD Protection	PRODUCTION	Video Amplifier	1	230M	5.5m	4.5	5.5
MAX4386E	Low-Cost, 230MHz, Single/Quad Op Amps with Rail-to-Rail Outputs and ±15kV ESD Protection	PRODUCTION	Video Amplifier	4	230M	5.5m	4.5	5.5
MAX4362	ADSL Drivers/Receivers for Customer Premise Equipment	RECOMMENDED FOR NEW DESIGNS	Cat5 Video Driver	2	60M	22m	4.5	5.5
MAX3802	3.2Gbps Quad Adaptive Cable Equalizer with Cable Driver	PRODUCTION	Cable Driver, Cable Line Equalizer	4	3.2G	220μ	3.14	3.46

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 typ dB	Is typ	Vs min span	Vs max span
MAX4389	Ultra-Small, Low-Cost, 85MHz Op Amps with Rail-to-Rail Outputs and Disable	PRODUCTION	Video Amplifier	1	85M	6m	4.5	11
MAX4390	Ultra-Small, Low-Cost, 85MHz Op Amps with Rail-to-Rail Outputs and Disable	PRODUCTION	Video Amplifier	1	85M	6m	4.5	11
MAX4392	Ultra-Small, Low-Cost, 85MHz Op Amps with Rail-to-Rail Outputs and Disable	PRODUCTION	Video Amplifier	2	85M	6m	4.5	11
MAX4393	Ultra-Small, Low-Cost, 85MHz Op Amps with Rail-to-Rail Outputs and Disable	PRODUCTION	Video Amplifier	2	85M	6m	4.5	11
MAX4394	Ultra-Small, Low-Cost, 85MHz Op Amps with Rail-to-Rail Outputs and Disable	PRODUCTION	Video Amplifier	3	85M	6m	4.5	11
MAX4395	Ultra-Small, Low-Cost, 85MHz Op Amps with Rail-to-Rail Outputs and Disable	PRODUCTION	Video Amplifier	4	85M	6m	4.5	11
MAX4396	Ultra-Small, Low-Cost, 85MHz Op Amps with Rail-to-Rail Outputs and Disable	PRODUCTION	Video Amplifier	4	85M	6m	4.5	11
MAX4434	Single-Supply, 150MHz, 16-Bit Accurate, Ultra-Low Distortion Op Amps	PRODUCTION	Video Amplifier	1	150M	15m	4.5	5.5
MAX4436	Single-Supply, 150MHz, 16-Bit Accurate, Ultra-Low Distortion Op Amps	PRODUCTION	Video Amplifier	2	150M	15m	4.5	5.5
MAX4380	Ultra-Small, Low-Cost, 210MHz, Single-Supply Op Amps with Rail-to-Rail Outputs and Disable	PRODUCTION	Video Amplifier	1	210M	5.5m	4.5	11
MAX4381	Ultra-Small, Low-Cost, 210MHz, Single-Supply Op Amps with Rail-to-Rail Outputs and Disable	PRODUCTION	Video Amplifier	2	210M	5.5m	4.5	11
MAX4382	Ultra-Small, Low-Cost, 210MHz, Single-Supply Op Amps with Rail-to-Rail Outputs and Disable	PRODUCTION	Video Amplifier	3	210M	5.5m	4.5	11
MAX4383	Ultra-Small, Low-Cost, 210MHz, Single-Supply Op Amps with Rail-to-Rail Outputs and Disable	PRODUCTION	Video Amplifier	4	210M	5.5m	4.5	11
MAX4384	Ultra-Small, Low-Cost, 210MHz, Single-Supply Op Amps with Rail-to-Rail Outputs and Disable	PRODUCTION	Video Amplifier	4	210M	5.5m	4.5	11

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 typ dB	Is typ	Vs min span	Vs max span
MAX4352	Low-Cost, +3V/+5V, 620μA, 200MHz, Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	1	80M	620μ	2.7	5.25
MAX4353	Low-Cost, +3V/+5V, 620μA, 200MHz, Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	2	80M	620μ	2.7	5.25
MAX4452	Low-Cost, +3V/+5V, 620μA, 200MHz, Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	1	200M	620μ	2.7	5.25
MAX4453	Low-Cost, +3V/+5V, 620μA, 200MHz, Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	2	200M	620μ	2.7	5.25
MAX4454	Low-Cost, +3V/+5V, 620μA, 200MHz, Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	4	200M	620μ	2.7	5.25
MAX4350	Ultra-Small, Low-Cost, 210MHz, Dual-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	1	210M	6.9m	9	11
MAX4351	Ultra-Small, Low-Cost, 210MHz, Dual-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	2	210M	6.9m	9	11
MAX4414	Low-Power, +3V/+5V, 400MHz Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	1	400M	1.6m	2.7	5.5
MAX4416	Low-Power, +3V/+5V, 400MHz Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	2	400M	1.6m	2.7	5.5
MAX4417	Low-Power, +3V/+5V, 400MHz Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	2	150M	1.6m	2.7	5.5
MAX4418	Low-Power, +3V/+5V, 400MHz Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	4	400M	1.6m	2.7	5.5
MAX4419	Low-Power, +3V/+5V, 400MHz Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	4	150M	1.6m	2.7	5.5
MAX4412	Low-Cost, Low-Power, Ultra-Small, 3V/5V, 500MHz Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	1	500M	1.7m	2.7	5.5
MAX4413	Low-Cost, Low-Power, Ultra-Small, 3V/5V, 500MHz Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	2	500M	1.7m	2.7	5.5

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 typ dB	Is typ	Vs min span	Vs max span
MAX4430	Dual-Supply, 180MHz, 16-Bit Accurate, Ultra-Low-Distortion Op Amps	PRODUCTION	Video Amplifier	1	180M	11m	9	11
MAX4432	Dual-Supply, 180MHz, 16-Bit Accurate, Ultra-Low-Distortion Op Amps	PRODUCTION	Video Amplifier	2	180M	11m	9	11
MAX4265	Ultra-Low-Distortion, Single-Supply, 300MHz Op Amps with Enable	PRODUCTION	Video Amplifier	1	400M	28m	4.5	8
MAX4359	Low-Cost 4x4, 8x4, 8x8 Video Crosspoint Switches	PRODUCTION	Buffered Crosspoint Video Switch	4	35M	-	4.5	5.5
MAX4360	Low-Cost 4x4, 8x4, 8x8 Video Crosspoint Switches	PRODUCTION	Buffered Crosspoint Video Switch	8	35M	-	4.5	5.5
MAX4444	Ultra-High-Speed, Low-Distortion, Differential-to-Single-Ended Line Receivers with Enable	PRODUCTION	Cat5 Video Receiver	1	550M	41m	4.5	5.5
MAX4445	Ultra-High-Speed, Low-Distortion, Differential-to-Single-Ended Line Receivers with Enable	PRODUCTION	Cat5 Video Receiver	1	550M	41m	4.5	5.5
MAX4584	Serially Controlled Audio/Video Switches	PRODUCTION	Audio, Switch, Video	1	-	-	2.7	5.5
MAX4586	Serially Controlled, 4-Channel Audio/Video Multiplexers	PRODUCTION	Audio, Mux, Video	1	-	-	2.7	5.5
MAX4447	6500V/μs, Wideband, High-Output-Current, Single-Ended-to-Differential Line Drivers with Enable	PRODUCTION	Cat5 Video Driver	1	430M	46m	4.5	5.5
MAX4448	6500V/μs, Wideband, High-Output-Current, Single-Ended-to-Differential Line Drivers with Enable	PRODUCTION	Cat5 Video Driver	1	330M	46m	4.5	5.5
MAX4449	6500V/μs, Wideband, High-Output-Current, Single-Ended-to-Differential Line Drivers with Enable	PRODUCTION	Cat5 Video Driver	1	400M	46m	4.5	5.5
MAX4450	Ultra-Small, Low-Cost, 210MHz, Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	1	210M	6.5m	4.5	11
MAX4451	Ultra-Small, Low-Cost, 210MHz, Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	2	210M	6.5m	4.5	11

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 typ dB	Is typ	Vs min span	Vs max span
MAX4549	Serially Controlled, Triple 3x2 Audio/Video Crosspoint Switches	PRODUCTION	Audio, Crosspoint, Video	3	-	-	2.7	5.5
IH5352	Dual/Quad RF/Video Switches	PRODUCTION	Switch, Video	4	-	-	4.5	16
MAX4562	Serially Controlled, Clickless Audio/Video Switches	PRODUCTION	Audio, Clickless, Switch, Video	2	-	-	2.7	5.5
MAX4571	Serially Controlled, Clickless Audio/Video Switches	PRODUCTION	Audio, Clickless, Switch, Video	1	-	-	2.7	5.25
MAX4572	Serially Controlled, Clickless Audio/Video Switches	PRODUCTION	Audio, Clickless, Switch, Video	2	-	-	2.7	5.25
MAX4573	Serially Controlled, Clickless Audio/Video Switches	PRODUCTION	Audio, Clickless, Switch, Video	1	-	-	2.7	5.25
MAX4574	Serially Controlled, Clickless Audio/Video Switches	PRODUCTION	Audio, Clickless, Switch, Video	2	-	-	2.7	5.25
MAX4588	Low-Voltage, High-Isolation, Dual 4-Channel RF Video Multiplexer	PRODUCTION	Mux, Video	2	-	-	2.7	12
MAX4589	Low-Voltage, High-Isolation, Dual 2-Channel RF Video Multiplexer	PRODUCTION	Mux, Switch, Video	2	-	-	2.7	12
LT1675	250MHz, Triple and Single RGB Multiplexer with Amplifiers	PRODUCTION	Op Amp	3	-	33m	8	12
LT1675-1	250MHz, Triple and Single RGB Multiplexer with Amplifiers	PRODUCTION	Op Amp	1	-	11m	8	12
MAX4550	Serially Controlled, Dual 4x2, Clickless Audio/Video Analog Crosspoint Switches	PRODUCTION	Audio, Crosspoint, Video	2	-	-	2.7	5.5
MAX4570	Serially Controlled, Dual 4x2, Clickless Audio/Video Analog Crosspoint Switches	PRODUCTION	Audio, Crosspoint, Video	2	-	-	2.7	5.5
MAX4310	High-Speed, Low-Power, Single-Supply Multichannel, Video Multiplexer-Amplifiers	PRODUCTION	Buffered Analog Multiplexer	2	280M	-	4.5	5.5
MAX4311	High-Speed, Low-Power, Single-Supply Multichannel, Video Multiplexer-Amplifiers	PRODUCTION	Buffered Analog Multiplexer	4	345M	-	4.5	5.5

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 typ dB	Is typ	Vs min span	Vs max span
MAX4312	High-Speed, Low-Power, Single-Supply Multichannel, Video Multiplexer-Amplifiers	PRODUCTION	Buffered Analog Multiplexer	8	265M	-	4.5	5.5
MAX4313	High-Speed, Low-Power, Single-Supply Multichannel, Video Multiplexer-Amplifiers	PRODUCTION	Buffered Analog Multiplexer	2	150M	-	4	10.5
MAX4314	High-Speed, Low-Power, Single-Supply Multichannel, Video Multiplexer-Amplifiers	PRODUCTION	Buffered Analog Multiplexer	4	127M	-	4	10.5
MAX4315	High-Speed, Low-Power, Single-Supply Multichannel, Video Multiplexer-Amplifiers	PRODUCTION	Buffered Analog Multiplexer	8	97M	-	4	10.5
MAX4529	Low-Voltage, Bidirectional RF Video Switch	PRODUCTION	Switch, Video	1	-	-	2.7	12
MAX4104	740MHz, Low-Noise, Low-Distortion Op Amps in SOT23-5	PRODUCTION	Video Amplifier	1	625M	20m	7	11
MAX4105	740MHz, Low-Noise, Low-Distortion Op Amps in SOT23-5	PRODUCTION	Video Amplifier	1	410M	20m	7	11
MAX4200	Ultra-High-Speed, Low-Noise, Low-Power, SOT23 Open-Loop Buffers	PRODUCTION	Video Buffer	1	660M	2.2m	4	5.5
MAX4201	Ultra-High-Speed, Low-Noise, Low-Power, SOT23 Open-Loop Buffers	PRODUCTION	Video Buffer	1	780M	2.2m	4	5.5
MAX4203	Ultra-High-Speed, Low-Noise, Low-Power, SOT23 Open-Loop Buffers	PRODUCTION	Video Buffer	2	530M	2.2m	4	5.5
MAX4204	Ultra-High-Speed, Low-Noise, Low-Power, SOT23 Open-Loop Buffers	PRODUCTION	Video Buffer	2	720M	2.2m	4	5.5
MAX4304	740MHz, Low-Noise, Low-Distortion Op Amps in SOT23-5	PRODUCTION	Video Amplifier	1	740M	20m	7	11
MAX4305	740MHz, Low-Noise, Low-Distortion Op Amps in SOT23-5	PRODUCTION	Video Amplifier	1	340M	20m	7	11
MAX4214	High-Speed, Single-Supply, Gain of 2, Closed-Loop, Rail-to-Rail Buffers with Enable	PRODUCTION	Video Buffer	1	230M	5.5m	3.15	11
MAX4215	High-Speed, Single-Supply, Gain of 2, Closed-Loop, Rail-to-Rail Buffers with Enable	PRODUCTION	Video Buffer	1	230M	5.5m	3.15	11

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 typ dB	Is typ	Vs min span	Vs max span
MAX4217	High-Speed, Single-Supply, Gain of 2, Closed-Loop, Rail-to-Rail Buffers with Enable	PRODUCTION	Video Buffer	2	230M	5.5m	3.15	11
MAX4219	High-Speed, Single-Supply, Gain of 2, Closed-Loop, Rail-to-Rail Buffers with Enable	PRODUCTION	Video Buffer	3	230M	5.5m	3.15	11
MAX4222	High-Speed, Single-Supply, Gain of 2, Closed-Loop, Rail-to-Rail Buffers with Enable	PRODUCTION	Video Buffer	4	230M	5.5m	3.15	11
MAX4014	Low-Cost, High-Speed, Single-Supply, Gain of +2 Buffers with Rail-to-Rail Outputs in SOT23	PRODUCTION	Video Buffer	1	200M	5.5m	3.3	5
MAX4017	Low-Cost, High-Speed, Single-Supply, Gain of +2 Buffers with Rail-to-Rail Outputs in SOT23	PRODUCTION	Video Buffer	2	200M	5.5m	3.3	5
MAX4019	Low-Cost, High-Speed, Single-Supply, Gain of +2 Buffers with Rail-to-Rail Outputs in SOT23	PRODUCTION	Video Buffer	3	200M	5.5m	3.3	5
MAX4022	Low-Cost, High-Speed, Single-Supply, Gain of +2 Buffers with Rail-to-Rail Outputs in SOT23	PRODUCTION	Video Buffer	4	200M	5.5m	3.3	5
MAX4012	Low-Cost, High-Speed, Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	1	200M	5.5m	3.15	11
MAX4016	Low-Cost, High-Speed, Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	2	150M	5.5m	3.15	11
MAX4018	Low-Cost, High-Speed, Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	3	150M	5.5m	3.15	11
MAX4020	Low-Cost, High-Speed, Single-Supply Op Amps with Rail-to-Rail Outputs	PRODUCTION	Video Amplifier	4	150M	5.5m	3.15	11
MAX4565	Quad/Dual, Low-Voltage, Bidirectional RF/Video Switches	PRODUCTION	Switch, Video	4	-	-	2.7	12
MAX4566	Quad/Dual, Low-Voltage, Bidirectional RF/Video Switches	PRODUCTION	Switch, Video	4	-	-	2.7	12
MAX4567	Quad/Dual, Low-Voltage, Bidirectional RF/Video Switches	PRODUCTION	Mux, Switch, Video	2	-	-	2.7	12

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 typ dB	Is typ	Vs min span	Vs max span
MAX4545	Quad/Dual, Low-Voltage, Bidirectional RF/Video Switches	PRODUCTION	Switch, Video	4	-	-	2.7	12
MAX4546	Quad/Dual, Low-Voltage, Bidirectional RF/Video Switches	PRODUCTION	Switch, Video	2	-	-	2.7	12
MAX4547	Quad/Dual, Low-Voltage, Bidirectional RF/Video Switches	PRODUCTION	Mux, Switch, Video	2	-	-	2.7	12
MAX4223	1GHz, Low-Power, SOT23, Current Feedback Amplifiers with Shutdown	PRODUCTION	Video Amplifier	1	1G	6m	5.7	11
MAX4224	1GHz, Low-Power, SOT23, Current Feedback Amplifiers with Shutdown	PRODUCTION	Video Amplifier	1	600M	6m	5.7	11
MAX4225	1GHz, Low-Power, SOT23, Current Feedback Amplifiers with Shutdown	PRODUCTION	Video Amplifier	2	1G	6m	5.7	11
MAX4226	1GHz, Low-Power, SOT23, Current Feedback Amplifiers with Shutdown	PRODUCTION	Video Amplifier	2	1G	6m	5.7	11
MAX4227	1GHz, Low-Power, SOT23, Current Feedback Amplifiers with Shutdown	PRODUCTION	Video Amplifier	2	600M	6m	5.7	11
MAX4228	1GHz, Low-Power, SOT23, Current Feedback Amplifiers with Shutdown	PRODUCTION	Video Amplifier	2	600M	6m	5.7	11
MAX4212	Miniature, 300MHz, Single-Supply, Rail-to-Rail Op Amps with Enable	PRODUCTION	Video Amplifier	1	300M	5.5m	3.15	11
MAX4213	Miniature, 300MHz, Single-Supply, Rail-to-Rail Op Amps with Enable	PRODUCTION	Video Amplifier	1	300M	5.5m	3.15	11
MAX4216	Miniature, 300MHz, Single-Supply, Rail-to-Rail Op Amps with Enable	PRODUCTION	Video Amplifier	2	200M	5.5m	3.15	11
MAX4218	Miniature, 300MHz, Single-Supply, Rail-to-Rail Op Amps with Enable	PRODUCTION	Video Amplifier	3	200M	5.5m	3.15	11
MAX4220	Miniature, 300MHz, Single-Supply, Rail-to-Rail Op Amps with Enable	PRODUCTION	Video Amplifier	4	200M	5.5m	3.15	11
LT1251	40MHz Video Fader and DC Gain Controlled Amplifier	PRODUCTION	Op Amp	1	40M	13.5m	5	36

	Description	Product Lifecycle	Amplifier Primary Function	# of Channels	BW -3 dB typ	Is typ	Vs span min	Vs span max
LT1256	40MHz Video Fader and DC Gain Controlled Amplifier	PRODUCTION	Op Amp	1	40M	13.5m	5	36
LT1203	150MHz Video Multiplexers	PRODUCTION	Video Multiplexer	1	-	10m	9	36
LT1205	150MHz Video Multiplexers	PRODUCTION	Video Multiplexer	2	-	10m	9	36
LT1204	4-Input Video Multiplexer with 75MHz Current Feedback Amplifier	PRODUCTION	Video Multiplexer	1	95M	19m	9	36
LT1195	Low Power, High Speed Operational Amplifier	LAST TIME BUY	Op Amp	1	-	12m	4	18
LT1187	Low Power Video Difference Amplifier	PRODUCTION	Op Amp	1	-	13m	4	18
LT1189	Low Power Video Difference Amplifier	PRODUCTION	Op Amp	1	-	13m	4	18
LT1194	Video Difference Amplifier	LAST TIME BUY	Op Amp	1	-	35m	4	18
LT1228	100MHz Current Feedback Amplifier with DC Gain Control	PRODUCTION	Op Amp	1	100M	9m	4	36
MAX457	Dual CMOS Video Amplifier	PRODUCTION	Video Amplifier	2	70M	17.5m	4.5	5.5
MAX310	8-Channel, CMOS RF Video Multiplexer	PRODUCTION	Mux, Video	1	-	-	9	33
MAX311	8-Channel, CMOS RF Video Multiplexer	PRODUCTION	Mux, Video	2	-	-	9	33
AD8104	-	PRODUCTION	Crosspoint	32	600M	-	4.5	5.5

Video CODECs

Parts	Description	Product Lifecycle	Availability	1ku List Price	Package	Channels	Resolution	Sample Rate	max	DAC Resolution	Update Rate	DAC Outputs	Data Output Interface	Vs+ min	Vs+ max
ADV7202	10-bit Raw Video Rate CODEC featuring Simultaneous Sampling	LAST TIME BUY	Check Distributor Inventory	-	-	5	10	54M		10	200M	4	I2C, SPI	3.3	5

Video Compression

Parts	Description	Product Lifecycle	Availability	1ku List Price	Package	Video Primary Function	Compression Format	Memory Ext Interface	On-Board Rate Control
ADV212	Wavescale® JPEG 2000 Video Codec	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	\$41.72 (ADV212BBCZ-150)	144-Ball CSPBGA (13mm x 13mm)	Compression	JPEG2000	No	Yes
ADV611-ADV612	Closed Circuit TV Digital Video Codec	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	-	Compression	Proprietary Wavelet	Yes	No
ADV601LC	Ultra Low Cost Video Codec	NOT RECOMMENDED FOR NEW DESIGNS	Check Distributor Inventory	-	-	Compression	Proprietary Wavelet	Yes	No

Video Decoders

Parts	Description	Product Lifecycle	Video Primary Function	Input Type	# of Video Inputs	ADC Cores	Differential CVBS Support	ADC Resolution	Output Type	# of Video Outputs	NDA Required
ADV7182A	10-Bit, SDTV Video Decoder with Differential Inputs	RECOMMENDED FOR NEW DESIGNS	Video Decoder	Analog SD	4 Analog	1	Yes	10	Pixel Bus	8-bit Pixel Bus	No
ADV7280A	10-Bit, 4× Oversampled SDTV Video Decoder with Deinterlacer	RECOMMENDED FOR NEW DESIGNS	Video Decoder	Analog SD	4 Analog	1	No	10	Pixel Bus	8-bit Pixel Bus	No
ADV7280A-M	10-Bit, 4× Oversampled SDTV Video Decoder with Deinterlacer	RECOMMENDED FOR NEW DESIGNS	MIPI, Video Decoder	Analog SD	8 Analog	1	No	10	MIPI-CSI	1 CSI (1-lane)	No
ADV7281A-M	10-Bit, 4× Oversampled SDTV Video Decoder with Differential Inputs	RECOMMENDED FOR NEW DESIGNS	MIPI, Video Decoder	Analog SD	4 Analog	1	Yes	10	MIPI-CSI	1 CSI (1-lane)	No
ADV7282A	10-Bit, 4× Oversampled SDTV Video Decoder with Differential Inputs	RECOMMENDED FOR NEW DESIGNS	Video Decoder	Analog SD	4 Analog	1	Yes	10	Pixel Bus	8-bit Pixel Bus	No
ADV7282A-M	10-Bit, 4× Oversampled SDTV Video Decoder with Differential Inputs	RECOMMENDED FOR NEW DESIGNS	MIPI, Video Decoder	Analog SD	6 Analog	1	Yes	10	MIPI-CSI	1 CSI (1-lane)	No
ADV7283	10-Bit, 4× Oversampled SDTV Video Decoder with Differential Inputs and Deinterlacer	NOT RECOMMENDED FOR NEW DESIGNS	Video Decoder	Analog SD	6 Analog	1	Yes	10	Pixel Bus	8-bit Pixel Bus	No
ADV7482	Integrated Video Decoder and HDMI Receiver	PRODUCTION	HDMI/DVI Rx, MIPI, Video Decoder	Analog SD, HDMI, Pixel Bus	1 HDMI, 8 Analog, 8-bit Pixel Bus	1	Yes	10	MIPI-CSI, Pixel Bus	2 CSI (4-lane:1-lane), 8-bit Pixel Bus	No

	Description	Product Lifecycle	Video Primary Function	Input Type	# of Video Inputs	ADC Cores	Differential CVBS Support	ADC Resolution	Output Type	# of Video Outputs	NDA Required
ADV7481	Integrated Video Decoder and Dual-Mode HDMI/MHL Receiver	PRODUCTION	HDMI/DVI Rx, MIPI, Video Decoder	Analog SD, HDMI, MHL, Pixel Bus	1 HDMI, 1 MHL, 8 Analog, 8-bit Pixel Bus	1	Yes	10	MIPI-CSI, Pixel Bus	2 CSI (4-lane:1-lane), 8-bit Pixel Bus	No
ADV7280	10-Bit, 4× Oversampled SDTV Video Decoder with Deinterlacer	NOT RECOMMENDED FOR NEW DESIGNS	Video Decoder	Analog SD	4 Analog	1	No	10	Pixel Bus	8-bit Pixel Bus	No
ADV7280-M	10-Bit, 4× Oversampled SDTV Video Decoder with Deinterlacer	NOT RECOMMENDED FOR NEW DESIGNS	MIPI, Video Decoder	Analog SD	8 Analog	1	No	10	MIPI-CSI	1 CSI (1-lane)	No
ADV7281	10-Bit, 4× Oversampled SDTV Video Decoder Decoder with Differential Inputs	NOT RECOMMENDED FOR NEW DESIGNS	Video Decoder	Analog SD	4 Analog	1	Yes	10	Pixel Bus	8-bit Pixel Bus	No
ADV7281-M	10-Bit, 4× Oversampled SDTV Video Decoder Decoder with Differential Inputs	NOT RECOMMENDED FOR NEW DESIGNS	MIPI, Video Decoder	Analog SD	6 Analog	1	Yes	10	MIPI-CSI	1 CSI (1-lane)	No
ADV7281-MA	10-Bit, 4× Oversampled SDTV Video Decoder Decoder with Differential Inputs	NOT RECOMMENDED FOR NEW DESIGNS	MIPI, Video Decoder	Analog SD	8 Analog	1	Yes	10	MIPI-CSI	1 CSI (1-lane)	No
ADV7282	10-Bit, 4× Oversampled SDTV Video Decoder with Differential Inputs and Deinterlacer	NOT RECOMMENDED FOR NEW DESIGNS	Video Decoder	Analog SD	4 Analog	1	Yes	10	Pixel Bus	8-bit Pixel Bus	No
ADV7282-M	10-Bit, 4× Oversampled SDTV Video Decoder with Differential Inputs and Deinterlacer	NOT RECOMMENDED FOR NEW DESIGNS	MIPI, Video Decoder	Analog SD	6 Analog	1	Yes	10	MIPI-CSI	1 CSI (1-lane)	No
ADV7182	10-Bit, SDTV Video Decoder with Differential Inputs	NOT RECOMMENDED FOR NEW DESIGNS	Video Decoder	Analog SD	4 Analog	1	Yes	10	Pixel Bus	8-bit Pixel Bus	No

	Description	Product Lifecycle	Video Primary Function	Input Type	# of Video Inputs	ADC Cores	Differential CVBS Support	ADC Resolution	Output Type	# of Video Outputs	NDA Required
ADV7186	Video Decoder and Display Processor	RECOMMENDED FOR NEW DESIGNS	LVDS, Video Decoder, Video Signal Processor	Analog HD, Analog SD, Graphics, LVDS (OpenLDI), Pixel Bus	1 LVDS, 24-bit Pixel Bus, 6 Analog	1	No	10	LVDS (OpenLDI), Pixel Bus, TCON	1 LVDS, 1 TCON, 24-bit Pixel Bus	Yes
ADV7850	Complete AV Front-End	RECOMMENDED FOR NEW DESIGNS	HDMI/DVI Rx, HDMI/DVI Tx, Video Decoder	Analog HD, Analog SD, Graphics, HDMI	13 Analog, 4 HDMI	4	No	12	HDMI	1 HDMI	No
ADV7181D	10-Bit, 10 channel Multiformat SDTV/HDTV Video Decoder and RGB Graphics Digitizer	NOT RECOMMENDED FOR NEW DESIGNS	Video Decoder	Analog HD, Analog SD, Graphics	10 Analog	4	No	10	Pixel Bus	20-bit Pixel Bus	No
ADV7842	Dual HDMI 1.4 Fast Switching Receiver with 12-Bit, 170 MHz Video and Graphics Digitizer and 3D Comb Filter Decoder	RECOMMENDED FOR NEW DESIGNS	Analog HDMI/DVI Interfaces, HDMI/DVI Rx, Video Decoder	Analog HD, Analog SD, Graphics, HDMI	12 Analog, 2 HDMI	4	No	12	Pixel Bus	36-bit Pixel Bus	No
ADV7844	Quad HDMI 1.4 Fast Switching Receiver with 12-Bit, 170 MHz Video and Graphics Digitizer and 3D Comb Filter Decoder	RECOMMENDED FOR NEW DESIGNS	HDMI/DVI Rx, Video Decoder	Analog HD, Analog SD, Graphics, HDMI	12 Analog, 4 HDMI	4	No	12	Pixel Bus	36-bit Pixel Bus	No
ADV7604	12-Bit, Deep Color HDMI v1.3 Receiver with Analog Interface	PRODUCTION	Analog HDMI/DVI Interfaces, HDMI/DVI Rx, Video Decoder	Analog HD, Graphics, HDMI	12 Analog, 4 HDMI	3	No	12	Pixel Bus	36-bit Pixel Bus	No
ADV7800	10-Bit, SDTV/HDTV 3D Comb Filter, Video Decoder, and Graphics Digitizer	LAST TIME BUY	Video Decoder	Analog HD, Analog SD, Graphics	12 Analog	4	No	10	Pixel Bus	36-bit Pixel Bus	No
ADV7802	12-Bit, SDTV/HDTV 3D Comb Filter, Video Decoder, and Graphics Digitizer	PRODUCTION	Video Decoder	Analog HD, Analog SD, Graphics	12 Analog	4	No	12	Pixel Bus	36-bit Pixel Bus	No

	Description	Product Lifecycle	Video Primary Function	Input Type	# of Video Inputs	ADC Cores	Differential CVBS Support	ADC Resolution	Output Type	# of Video Outputs	NDA Required
AD9984A	High Performance 10-Bit Display Interface	PRODUCTION	Video Decoder	Analog HD, Graphics	6 Analog	3	No	10	Pixel Bus	16-bit Pixel Bus	No
ADV7184	Multiformat SDTV Video Decoder with Fast Switch Overlay Support	PRODUCTION	Video Decoder	Analog SD	12 Analog	4	No	10	Pixel Bus	16-bit Pixel Bus	No
ADV7188	Multiformat SDTV Video Decoder with Fast Switch Overlay Support	PRODUCTION	Video Decoder	Analog SD	12 Analog	4	No	12	Pixel Bus	20-bit Pixel Bus	No
ADV7401	10-Bit, Integrated, Multiformat SDTV/HDTV Video Decoder and RGB Graphics Digitizer	PRODUCTION	Video Decoder	Analog HD, Analog SD, Graphics	12 Analog	4	No	10	Pixel Bus	30-bit Pixel Bus	No
ADV7403	12-Bit, Integrated, Multiformat SDTV/HDTV Video Decoder and RGB Graphics Digitizer	PRODUCTION	Video Decoder	Analog HD, Analog SD, Graphics	12 Analog	4	No	12	Pixel Bus	30-bit Pixel Bus	No

Video Encoders

Parts	Description	Product Lifecycle	Video Primary Function	Input Type	# of Video Inputs	Output Type	# of Video Outputs	DAC Resolution	Output Frequency ^{max}	Macrovision	Scaler	NDA Required
ADV8003	Video Signal Processor with Bitmap OSD, Dual HDMI Tx, and Video Encoder	LAST TIME BUY	HDMI/DVI Tx, Video Encoder, Video Signal Processor	Pixel Bus, TMDS	1 TMDS, 60-bit Pixel Bus	Analog HD, Analog SD, HDMI, Pixel Bus	2 HDMI, 6 Analog, 60-bit Pixel Bus	12	74.24M	Yes	Yes	No
ADV7340	Multi-format Video Encoder Six 12-Bit Noise Shaped Video® DACs	NOT RECOMMENDED FOR NEW DESIGNS	Video Encoder	Pixel Bus	24-bit Pixel Bus	Analog HD, Analog SD	6 Analog	12	74.24M	Yes	No	No
ADV7341	Multi-format Video Encoder Six 12-Bit Noise Shaped Video® DACs	NOT RECOMMENDED FOR NEW DESIGNS	Video Encoder	Pixel Bus	24-bit Pixel Bus	Analog HD, Analog SD	6 Analog	12	74.24M	No	No	No
ADV7342	Multiformat Video Encoder Six, 11-Bit, 297 MHz DACs	NOT RECOMMENDED FOR NEW DESIGNS	Video Encoder	Pixel Bus	24-bit Pixel Bus	Analog HD, Analog SD	6 Analog	11	74.24M	Yes	No	No
ADV7343	Multiformat Video Encoder with Six, 11-Bit, 297 MHz DACs	NOT RECOMMENDED FOR NEW DESIGNS	Video Encoder	Pixel Bus	24-bit Pixel Bus	Analog HD, Analog SD	6 Analog	11	74.24M	No	No	No
ADV7344	Multi-format Video Encoder Six 14-Bit Noise Shaped Video® DACs	NOT RECOMMENDED FOR NEW DESIGNS	Video Encoder	Pixel Bus	30-bit Pixel Bus	Analog HD, Analog SD	6 Analog	14	74.24M	Yes	No	No
AD723	2.7 V to 5.5 V RGB-to-NTSC/PAL Encoder with Load Detect and Input Termination Switch	PRODUCTION	Video DAC, Video Encoder	Analog RGB	-	Composite, S-Video	-	-	-	-	-	-
AD724	RGB to NTSC/PAL Encoder	PRODUCTION	Video DAC, Video Encoder	Analog RGB	-	Composite, S-Video	-	-	-	-	-	-

	Description	Product Lifecycle	Video Primary Function	Input Type	# of Video Inputs	Output Type	# of Video Outputs	DAC Resolution	Output Frequency ^{max}	Macrovision	Scaler	NDA Required
AD725	RGB to NTSC/ PAL Encoder	PRODUCTION	Video DAC, Video Encoder	Analog RGB	-	Composite, S-Video	-	-	-	-	-	-
ADV7390	Low Power, Chip Scale 10-Bit SD/HD Video Encoder	RECOMMENDED FOR NEW DESIGNS	Video Encoder	Pixel Bus	8-bit Pixel Bus	Analog HD, Analog SD	3 Analog	12	74.24M	Yes	No	No
ADV7391	Low Power, Chip Scale 10-Bit SD/HD Video Encoder	RECOMMENDED FOR NEW DESIGNS	Video Encoder	Pixel Bus	8-bit Pixel Bus	Analog HD, Analog SD	3 Analog	10	74.24M	No	No	No
ADV7392	Low Power, Chip Scale 10-Bit SD/HD Video Encoder	RECOMMENDED FOR NEW DESIGNS	Video Encoder	Pixel Bus	16-bit Pixel Bus	Analog HD, Analog SD	3 Analog	10	74.24M	Yes	No	No
ADV7393	Low Power, Chip Scale 10-Bit SD/HD Video Encoder	RECOMMENDED FOR NEW DESIGNS	Video Encoder	Pixel Bus	16-bit Pixel Bus	Analog HD, Analog SD	3 Analog	10	74.24M	No	No	No
ADV8005	-	RECOMMENDED FOR NEW DESIGNS	HDMI/DVI Tx, Video Encoder, Video Signal Processor	Pixel Bus, TMDS	1 TMDS, 60-bit Pixel Bus	Analog HD, Analog SD, HDMI, Pixel Bus	2 HDMI, 6 Analog, 60-bit Pixel Bus	12	74.24M	Yes	Yes	No

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