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High Speed A/D Converters >10 MSPS

Parts	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD4080	20-Bit, 40 MSPS, Differential SAR ADC	RECOMMENDED FOR NEW DESIGNS	Precision ADC	1	20	40M	93.5	4	6	79.3m	LVDS, SPI
AD9694S	14-Bit, 500 MSPS, JESD204B, Quad Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	14	500M	67.1	1	1.8	1.66	JESD204B
AD9084	Apollo MxFE Quad, 16-Bit, 28 GSPS RF DAC and Quad, 12-Bit, 20 GSPS RF ADC	PRE-RELEASE	Mixed Signal Front End (MxFE)	4	-	20G	-	-	-	-	JESD204B, JESD204C
AD9088	Apollo MxFE Octal, 16-Bit, 16 GSPS RF DAC and Octal, 12-Bit, 8 GSPS RF ADC	PRE-RELEASE	Mixed Signal Front End (MxFE)	8	-	8G	-	-	-	-	JESD204B, JESD204C
ADAQ8092	14-Bit, 105 MSPS, µModule	RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receiver	2	14	105M	60.3	-	-	394m	CMOS, DDR CMOS, LVDS
AD9213S	12-Bit, 10.25 GSPS, JESD204B, RF Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	10.25G	57.5	2.4	1.4	5.1	JESD204B
AD9257S	Octal, 14-Bit, 65 MSPS Serial LVDS 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	14	65M	75.7	1.1	2	464m	Serial LVDS
AD9207	12-Bit, 6 GSPS, JESD204B/JESD204C Dual ADC	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	12	6G	53.4	1.38	1.475	5.6	JESD204B, JESD204C
AD9209	12-Bit, 4GSPS, JESD204B/C, Quad Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	12	4G	55.9	0.5	1.4	5.47	JESD204B, JESD204C
AD9699	14-Bit, 3 GSPS, JESD204B, Single Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	14	3G	60.2	6	1.54	2	JESD204B
AD9081	MxFE™ Quad, 16-Bit, 12GSPS RFDAC and Quad, 12-Bit, 4GSPS RFADC	RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End (MxFE)	4	16	4G	59	7	1.5	8.5	JESD204B, JESD204C

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9083	16-Channel, 125 MHz Bandwidth, JESD204B Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	16	14	2G	66	-	0.5	1.45	JESD204B
ADA4355	Programmable Transimpedance, Current to Bits Receiver µModule	RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receiver	1	14	125M	-	1.5	-	540m	Serial LVDS
AD9082	MxFE Quad, 16-Bit, 12 GSPS RF DAC and Dual, 12-Bit, 6 GSPS RF ADC	RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End (MxFE)	2	12	6G	59	7	1.5	8.8	JESD204B, JESD204C
AD9213	12-Bit, 10.25 GSPS, JESD204B, RF Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	10.25G	57.5	2.4	1.4	5.1	JESD204B
AD9697	14-Bit, 1300 MSPS, JESD204B, Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	14	1.3G	65.6	1	1.59	1.01	JESD204B
LTM2173-14	14-Bit, 80Msps Low Power Quad ADC	RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receiver	4	14	80M	73	1	2	385m	Serial LVDS
AD9246S	Aerospace 14-Bit, 125 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	125M	71.9	1.5	2	458m	Parallel
AD9695-1300	14-Bit, 1300 MSPS/625 MSPS, JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	1.3G	65.6	1	1.59	1.6	JESD204B
AD9695-625	14-Bit, 1300 MSPS/625 MSPS, JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	625M	67.2	2	1.59	980m	JESD204B
AD9689-2000	14-Bit, 2.0 GSPS/2.6 GSPS, JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	2G	62.7	2	1.59	2.5	JESD204B
AD9689-2600	14-Bit, 2.0 GSPS/2.6 GSPS, JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	2.6G	61.3	6	1.59	3.1	JESD204B

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD6688	RF Diversity and 1.2GHz BW Observation Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	14	3G	67.7	6	1.7	3.3	JESD204B
AD9208	14-Bit, 3GSPS, JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	3G	60.2	6	1.7	3.3	JESD204B
AD9694	Quad 14-Bit, 500 MSPS, 1.2 V/2.5 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	14	500M	67.1	1	1.8	1.66	JESD204B
AD6684	135 MHz Quad IF Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	4	14	500M	68.4	1	1.8	1.68	JESD204B
LTC2385-16	16-Bit, 5Msps SAR ADC	PRODUCTION	-	1	16	5M	93.8	0.15	8.192	78m	Serial LVDS
LTC2385-18	18-Bit, 5Msps SAR ADC	PRODUCTION	-	1	18	5M	95.7	0.6	8.192	78m	Serial LVDS
AD9670	Octal Ultrasound AFE With Digital Demodulator	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	14	125M	69	-	1.2	1.535	Serial LVDS, SPI
AD9671	Octal Ultrasound AFE with Digital Demodulator, JESD204B	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	14	125M	75	-	1	1.2	JESD204B
AD9674	Octal Ultrasound AFE	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	14	125M	69	-	1.2	1.515	Serial LVDS, SPI
LTC2386-16	16-Bit, 10Msps SAR ADC	PRODUCTION	-	1	16	10M	93.8	0.15	8.192	97m	Serial LVDS
AD9691	14-Bit, 1.25 GSPS JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	1250M	63.4	2.6	1.58	3.8	JESD204B
AD6679	135 MHz BW IF Diversity Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	14	500M	68.9	2.5	2.06	2.2	Serial LVDS
AD9684	14-Bit, 500 MSPS LVDS, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	500M	69.2	2.5	2.06	2.2	Parallel LVDS
AD9690-1000	14-Bit, 500 MSPS / 1 GSPS JESD204B, Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	14	1G	67.2	2.5	1.7	2	JESD204B

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9690-500	14-Bit, 500 MSPS / 1 GSPS JESD204B, Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	14	500M	69.2	2.5	2.06	1.5	JESD204B
AD9655	Dual, 16-Bit, 125 MSPS Serial LVDS, 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	16	125M	79.6	4	2.8	313m	Serial LVDS
AD6674-1000	385 MHz BW IF Diversity Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	14	1G	67.2	2.5	1.7	3.3	JESD204B
AD6674-500	385 MHz BW IF Diversity Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	14	500M	67.3	2.5	2.06	2.2	JESD204B
AD6674-750	385 MHz BW IF Diversity Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	14	750M	69.2	2.5	1.7	2.8	JESD204B
AD6676	Wideband IF Receiver Subsystem	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	1	16	3.2G	-	-	1.92	1.2	JESD204B
LTC2122	Dual14-Bit 170Msps ADC with JESD204B Serial Outputs	PRODUCTION	High Speed ADC	2	14	170M	70	1.2	1.5	751m	JESD204B
AD9234-1000	12-Bit, 1 GSPS/500 MSPS JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	12	1G	64.2	35	1.34	3	JESD204B
AD9234-500	12-Bit, 1 GSPS/500 MSPS JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	12	500M	65.9	-	1.63	2.15	JESD204B
LTC2123	Dual 14-Bit 250Msps ADC with JESD204B Serial Outputs	PRODUCTION	High Speed ADC	2	14	250M	70	0.85	1.5	864m	JESD204B
AD8285	Radar Receive Path AFE: 4-Channel LNA/PGA/AAF with ADC	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	12	72M	68	-	0.25	185m	Parallel CMOS
AD9652	16-bit, 310 MSPS, 3.3/1.8 V Dual Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	16	310M	75.4	4.5	2.5	2160m	Serial LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9625-2000	12-Bit, 2.6 GSPS/2.5 GSPS/2.0 GSPS, 1.3 V/2.5 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	2G	59.5	0.9	1.1	3.48	JESD204B
AD9625-2500	12-Bit, 2.6 GSPS/2.5 GSPS/2.0 GSPS, 1.3 V/2.5 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	2.5G	58.3	1	1	3.9	JESD204B
AD9625-2600	12-Bit, 2.6 GSPS/2.5 GSPS/2.0 GSPS, 1.3 V/2.5 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	2.6G	58.1	1	1	4	JESD204B
LTC2107	16-Bit, 210Msps High Performance ADC	PRODUCTION	High Speed ADC	1	16	210M	79.8	1.6	2.5	1.28	Parallel DDR LVDS
AD9680-1000	14-Bit, 1.25 GSPS/1 GSPS/820 MSPS/500 MSPS JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	1G	67.2	2.5	1.7	3.3	JESD204B
AD9680-1250	14-Bit, 1.25 GSPS/1 GSPS/820 MSPS/500 MSPS JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	1.25G	63.6	3	1.58	3.7	JESD204B
AD9680-500	14-Bit, 1.25 GSPS/1 GSPS/820 MSPS/500 MSPS JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	500M	69.2	2.5	2.06	2.2	JESD204B
AD9680-820	14-Bit, 1.25 GSPS/1 GSPS/820 MSPS/500 MSPS JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	820M	67.2	2.5	1.7	2.9	JESD204B
AD9656	Quad, 16-Bit, 125 MSPS JESD204B 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	16	125M	80.1	4.5	2.8	788m	JESD204B
AD9249	16 Channel 14-Bit, 65 MSPS, Serial LVDS, 1.8 V A/D Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	16	14	65M	75.4	0.9	2	924m	Serial LVDS
AD9681	Octal, 14-Bit, 125 MSPS, Serial LVDS, 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	14	125M	74.8	1.2	2	879m	Serial LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD6673	80 MHz Bandwidth, Dual IF Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	11	250M	66.6	0.3	1.75	837m	JESD204B
AD9250-170	14-Bit, 170 MSPS/250 MSPS, JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	170M	72.5	1.5	1.75	607m	JESD204B
AD9250-250	14-Bit, 170 MSPS/250 MSPS, JESD204B, Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	250M	72.1	1.5	1.75	711m	JESD204B
LTM9013	300MHz Wideband Receiver	LAST TIME BUY	Signal Chain uModule Receiver	2	14	310M	59	4.5	1.3	2.6	Parallel DDR LVDS
AD9683-170	14-Bit, 170 MSPS/250 MSPS, JESD204B, Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	14	170M	72.3	0.8	1.75	365m	JESD204B
AD9683-250	14-Bit, 170 MSPS/250 MSPS, JESD204B, Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	14	250M	72.1	1.5	1.75	434m	JESD204B
AD9675	Octal Ultrasound AFE with JESD204B	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	14	125M	75	-	1	1.2	JESD204B
LTM9006-14	14-Bit, 25Msps Low Power Octal ADCs	PRODUCTION	Signal Chain uModule Receiver	8	14	25M	72.9	1	2	369m	Serial LVDS
LTM9007-14	14-Bit, 40Msps Low Power Octal ADCs	NOT RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receiver	8	14	40M	73.5	1	2	475m	Serial LVDS
LTM9008-14	14-Bit, 65Msps Low Power Octal ADCs	NOT RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receiver	8	14	65M	73.7	1.2	2	700m	Serial LVDS
LTC2271	16-Bit, 20Msps Serial Low Noise Dual ADC	PRODUCTION	High Speed ADC	2	16	20M	84.1	1	2.1	185m	Serial LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTC2269	16-Bit, 20Msps Low Noise ADC	PRODUCTION	High Speed ADC	1	16	20M	84.1	1	2.1	88m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
AD8284	Radar Receive Path AFE: 4-Channel MUX with LNA, PGA, AAF, and ADC	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	12	60M	68	4	0.25	345m	Parallel CMOS
LTC2270	16-Bit, 20Msps Low Noise Dual ADC	PRODUCTION	High Speed ADC	2	16	20M	84.1	1	2.1	160m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTM9012	Quad 14-Bit, 125Msps ADC with Integrated Drivers	NOT RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receiver	4	14	125M	68.3	1.2	3.6	1.27	Serial LVDS
LTC2201	16-Bit, 20Msps ADC	PRODUCTION	High Speed ADC	1	16	20M	81.6	1.5	2.5	211m	Parallel CMOS
LTC2159	16-Bit, 20Msps Low Power ADC	PRODUCTION	High Speed ADC	1	16	20M	77.1	2	2	43m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2188	16-Bit, 20Msps Low Power Dual ADC	PRODUCTION	High Speed ADC	2	16	20M	77.1	2	2	76m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
AD9635	Dual, 12-Bit, 80 MSPS/125 MSPS Serial LVDS 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	12	80M	71	0.4	2	115m	Serial LVDS
AD9645-125	Dual, 14-Bit, 80 MSPS/125 MSPS Serial LVDS 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	125M	75.2	1.5	2	243m	Serial LVDS
AD9645-80	Dual, 14-Bit, 80 MSPS/125 MSPS Serial LVDS 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	80M	75.6	1.1	2	187m	Serial LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9653	Quad, 16-Bit, 125 MSPS Serial LVDS 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	16	125M	78	3.5	2	657m	Serial LVDS
LTC2153-12	12-Bit 310Msps ADC	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	310M	67.6	0.6	1.32	378m	Parallel DDR LVDS
LTC2158-12	Dual 12-Bit 310Msps ADC	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	12	310M	67.6	0.6	1.32	688m	Parallel DDR LVDS
AD9254S	Aerospace 14-Bit 150 MSPS, 1.8V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	14	150M	71.6	1.5	2	470m	Parallel
LTC2150-12	Single 12-Bit 170Msps ADCs	PRODUCTION	High Speed ADC	1	12	170M	68.5	0.26	1.5	306m	Parallel DDR LVDS
LTC2151-12	Single 12-Bit 210Msps ADCs	PRODUCTION	High Speed ADC	1	12	250M	68.5	0.26	1.5	333m	Parallel DDR LVDS
LTC2152-12	Single 12-Bit 250Msps ADCs	PRODUCTION	High Speed ADC	1	12	250M	68.5	0.26	1.5	347m	Parallel DDR LVDS
HMCAD1511	High Speed Multi-Mode 8-Bit 1 GSPS A/D Converter	PRODUCTION	High Speed ADC	1	8	1G	49.8	0.5	2	710m	Serial LVDS
LTC2155-12	Dual 12-Bit 170Msps ADC	PRODUCTION	High Speed ADC	2	12	170M	68.5	0.3	1.5	545m	Parallel DDR LVDS
LTC2156-12	Dual 12-Bit 210Msps ADC	PRODUCTION	High Speed ADC	2	12	210M	68.5	0.3	1.5	592m	Parallel DDR LVDS
LTC2157-12	Dual 12-Bit 250Msps ADCs	PRODUCTION	High Speed ADC	2	12	250M	68.5	0.26	1.5	628m	Parallel DDR LVDS
LTC2153-14	14-Bit 310Msps ADC	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	14	310M	68.6	1.2	1.32	401m	Parallel DDR LVDS
LTC2158-14	Dual 14-Bit 310Msps ADC	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	310M	68.8	1.2	1.32	724m	Parallel DDR LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD6657A	65MHz Bandwidth Quad IF Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	4	11	200M	66.6	0.17	1.75	1.25	Serial LVDS
AD9257-40	Octal, 14-Bit, 40/65 MSPS Serial LVDS 1.8 V A/D Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	14	40M	75.9	1.1	2	360m	Serial LVDS
AD9257-65	Octal, 14-Bit, 40/65 MSPS Serial LVDS 1.8 V A/D Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	14	65M	75.7	1.1	2	464m	Serial LVDS
AD9637-40	Octal, 12-Bit, 40/80 MSPS Serial LVDS 1.8 V A/D Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	12	40M	72	0.4	2	347m	Serial LVDS
AD9637-80	Octal, 12-Bit, 40/80 MSPS Serial LVDS 1.8 V A/D Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	12	80M	71.5	0.5	2	502m	Serial LVDS
AD9253-105	Quad, 14-Bit, 80 MSPS/105 MSPS/125 MSPS Serial LVDS 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	14	105M	75.1	2	2	405m	Serial LVDS
AD9253-125	Quad, 14-Bit, 80 MSPS/105 MSPS/125 MSPS Serial LVDS 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	14	125M	75.3	2	2	457m	Serial LVDS
AD9253-80	Quad, 14-Bit, 80 MSPS/105 MSPS/125 MSPS Serial LVDS 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	14	80M	75.4	1.5	2	349m	Serial LVDS
AD9633-105	Quad, 12-Bit, 80/105/125 MSPS, Serial LVDS 1.8 V ADC	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	12	105M	71.7	0.5	2	385m	Serial LVDS
AD9633-125	Quad, 12-Bit, 80/105/125 MSPS, Serial LVDS 1.8 V ADC	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	12	125M	71.8	0.5	2	430m	Serial LVDS
AD9633-80	Quad, 12-Bit, 80/105/125 MSPS, Serial LVDS 1.8 V ADC	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	12	80M	71.7	0.5	2	331m	Serial LVDS
AD6672	IF Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	1	11	250M	66.6	0.12	1.75	423m	Serial LVDS
AD9608-105	10-Bit, 125/105 MSPS, 1.8 V Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	10	105M	61.7	0.14	2	165m	Parallel CMOS, Parallel LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9608-125	10-Bit, 125/105 MSPS, 1.8 V Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	10	125M	61.7	0.14	2	189m	Parallel CMOS, Parallel LVDS
AD9628-105	12-Bit, 125/105 MSPS, 1.8 V Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	12	105M	71.6	0.3	2	173m	Parallel CMOS, Parallel LVDS
AD9628-125	12-Bit, 125/105 MSPS, 1.8 V Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	12	125M	71.5	0.3	2	201m	Parallel CMOS, Parallel LVDS
AD9634-170	12-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	170M	70.3	0.2	1.75	311m	Parallel LVDS
AD9634-210	12-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	210M	70.2	0.2	1.75	333m	Parallel LVDS
AD9634-250	12-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	250M	70.1	0.27	1.75	360m	Parallel LVDS
AD9642-170	14-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	14	170M	72.5	0.6	1.75	311m	Parallel LVDS
AD9642-210	14-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	14	210M	72.4	0.75	1.75	333m	Parallel LVDS
AD9642-250	14-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	14	250M	72.2	1	1.75	360m	Parallel LVDS
AD9648-105	14-Bit, 125 MSPS/105 MSPS, 1.8 V Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	105M	75.4	1	2	180m	Parallel
AD9648-125	14-Bit, 125 MSPS/105 MSPS, 1.8 V Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	125M	75	1	2	212m	Parallel
LTM9009-14	14-Bit, 80Msps Low Power Octal ADCs	PRODUCTION	Signal Chain uModule Receiver	8	14	80M	73	1	2	801m	Serial LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTM9010-14	14-Bit, 105Msps Low Power Octal ADCs	PRODUCTION	Signal Chain uModule Receiver	8	14	105M	73	1	2	950m	Serial LVDS
LTM9011-14	14-Bit, 125Msps Low Power Octal ADCs	PRODUCTION	Signal Chain uModule Receiver	8	14	125M	73.1	1.2	2	1.145	Serial LVDS
AD8283	Radar Receive Path AFE: 6-Channel LNA/PGA/AAF with ADC	PRODUCTION	High Speed ADC	6	12	72M	68	-	0.25	170m	Parallel CMOS
AD6641-500	250 MHz Bandwidth DPD Observation Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	1	12	500M	66	0.6	1.5	695m	Parallel LVDS, SPI
LTC2140-12	12-Bit, 25Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	12	25M	71	0.3	2	48m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2140-14	14-Bit, 25Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	14	25M	73.7	1	2	50m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2141-12	12-Bit, 40Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	12	40M	70.5	0.3	2	65m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2141-14	14-Bit, 40Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	14	40M	72.8	1	2	67m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2142-12	12-Bit, 65Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	12	65M	70.8	0.3	2	92m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTC2142-14	14-Bit, 65Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	14	65M	73.2	1	2	95m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2143-12	12-Bit, 80Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	12	80M	70.8	0.3	2	109m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2143-14	14-Bit, 80Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	14	80M	73.4	1	2	113m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2144-12	12-Bit, 105Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	12	105M	70.5	0.3	2	144m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2144-14	14-Bit, 105Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	14	105M	72.9	1	2	149m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2145-12	12-Bit, 125Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	12	125M	70.6	0.3	2	183m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2145-14	14-Bit, 125Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	14	125M	73.1	1	2	189m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2150-14	Single 14-Bit 170Msps ADCs	PRODUCTION	High Speed ADC	1	14	170M	70	1	1.5	313m	Parallel DDR LVDS
LTC2151-14	Single 14-Bit 210Msps ADCs	PRODUCTION	High Speed ADC	1	14	210M	70	1	1.5	316m	Parallel DDR LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTC2152-14	Single 14-Bit 250Msps ADCs	PRODUCTION	High Speed ADC	1	14	250M	70	0.85	1.5	338m	Parallel DDR LVDS
LTC2155-14	Dual 14-Bit 170Msps ADCs	PRODUCTION	High Speed ADC	2	14	170M	70	0.85	1.5	605m	Parallel DDR LVDS
LTC2156-14	Dual 14-Bit 210Msps ADCs	PRODUCTION	High Speed ADC	2	14	210M	70	0.85	1.5	605m	Parallel DDR LVDS
LTC2157-14	Dual 14-Bit 250Msps ADCs	PRODUCTION	High Speed ADC	2	14	250M	70	0.85	1.5	605m	Parallel DDR LVDS
AD9613-170	12-bit, 170/210/250 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	12	250M	70.1	0.2	1.75	670m	Parallel LVDS
AD9613-210	12-bit, 170/210/250 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	12	210M	70.1	0.25	1.75	720m	Parallel LVDS
AD9613-250	12-bit, 170/210/250 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	12	250M	70	0.28	1.75	770m	Parallel LVDS
AD6643-200	Dual IF Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	11	200M	66.6	0.2	1.75	765m	Serial LVDS
AD6643-250	Dual IF Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	11	250M	66.4	0.2	1.75	853m	Serial LVDS
AD6649	IF Diversity Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	14	250M	74.5	-	1.75	1.03	Serial LVDS
AD9484	8-Bit, 500 MSPS, 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	8	500M	47	0.1	1.5	670m	Parallel LVDS
AD9643-170	14-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	170M	72.6	1.5	1.75	614m	Parallel LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9643-210	14-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	210M	72.6	1.5	1.75	680m	Parallel LVDS
AD9643-250	14-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	250M	72	1.5	1.75	785m	Parallel LVDS
AD9434-370	12-Bit, 370 MSPS/500 MSPS, 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	370M	66.3	0.4	1.5	625m	Parallel LVDS
AD9434-500	12-Bit, 370 MSPS/500 MSPS, 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	500M	65.9	0.6	1.5	690m	Parallel LVDS
AD9284	8-Bit, 250 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	8	250M	49.3	0.1	1.2	314m	Parallel LVDS
AD9286	8-Bit, 500 MSPS, 1.8 V Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	8	500M	49.3	0.1	1.2	315m	Parallel LVDS
LTC2183	16-Bit, 80Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	16	80M	77.1	2	2	200m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2184	16-Bit, 105Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	16	105M	76.7	2	2	308m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2185	16-Bit, 125Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	16	125M	76.8	2	2	370m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2160	16-Bit, 25Msps Low Power ADCs	PRODUCTION	High Speed ADC	1	16	25M	77.1	2	2	45m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTC2161	16-Bit, 40Msps Low Power ADCs	PRODUCTION	High Speed ADC	1	16	40M	76.9	2	2	63m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2162	16-Bit, 65Msps Low Power ADCs	PRODUCTION	High Speed ADC	1	16	65M	77	2	2	88m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2163	16-Bit, 80Msps Low Power ADCs	PRODUCTION	High Speed ADC	1	16	80M	77.1	2	2	108m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2164	16-Bit, 105Msps Low Power ADCs	PRODUCTION	High Speed ADC	1	16	105M	76.7	2	2	163m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2165	16-Bit, 125Msps Low Power ADCs	PRODUCTION	High Speed ADC	1	16	125M	76.8	2	2	194m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2180	16-Bit, 25Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	16	25M	77.1	2	2	78m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2181	16-Bit, 40Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	16	40M	76.9	2	2	115m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2182	16-Bit, 65Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	16	65M	77	2	2	160m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2190	16-Bit, 25Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	16	25M	77.1	2	2	104m	Serial LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTC2191	16-Bit, 40Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	16	40M	76.9	2	2	146m	Serial LVDS
LTC2192	16-Bit, 65Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	16	65M	77	2	2	198m	Serial LVDS
LTC2193	16-Bit, 80Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	16	80M	77.1	2	2	249m	Serial LVDS
LTC2194	16-Bit, 105Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	16	105M	76.7	2	2	363m	Serial LVDS
LTC2195	16-Bit, 125Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	16	125M	76.8	2	2	431m	Serial LVDS
AD9278	Octal LNA/VGA/AAF/ADC and CW I/Q Demodulator	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	12	65M	65	-	2	860m	Serial LVDS
AD9279	Octal LNA/VGA/AAF/ADC and CW I/Q Demodulator	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	12	80M	67	-	2	1.375	Serial LVDS
LTM9004-AA	14-Bit Direct Conversion Receiver Subsystem	LAST TIME BUY	Signal Chain uModule Receiver	1	14	125M	76.1	-	-	1.83	Parallel CMOS
LTM9004-AB	14-Bit Direct Conversion Receiver Subsystem	LAST TIME BUY	Signal Chain uModule Receiver	1	14	125M	75.2	-	-	1.83	Parallel CMOS
LTM9004-AC	14-Bit Direct Conversion Receiver Subsystem	LAST TIME BUY	Signal Chain uModule Receiver	1	14	125M	72	-	-	1.83	Parallel CMOS
LTM9004-AD	14-Bit Direct Conversion Receiver Subsystem	LAST TIME BUY	Signal Chain uModule Receiver	1	14	125M	68.9	-	-	1.83	Parallel CMOS
AD9650-105	16-Bit, 25 MSPS/65 MSPS/80 MSPS/105 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	16	105M	82.5	3	2.7	663m	Parallel

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9650-25	16-Bit, 25 MSPS/65 MSPS/80 MSPS/105 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	16	25M	83	3	2.7	240m	Parallel
AD9650-65	16-Bit, 25 MSPS/65 MSPS/80 MSPS/105 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	16	65M	83	3	2.7	405m	Parallel
AD9650-80	16-Bit, 25 MSPS/65 MSPS/80 MSPS/105 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	16	80M	83	3	2.7	533m	Parallel
AD9641-155	14-Bit, 80 MSPS/155 MSPS, 1.8 V Serial Output Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	14	155M	72	0.5	1.75	310m	JESD204A
AD9641-80	14-Bit, 80 MSPS/155 MSPS, 1.8 V Serial Output Analog-to-Digital Converter (ADC)	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	14	80M	73.8	0.5	1.75	238m	JESD204A
AD9644-155	14-Bit, 80 MSPS/155 MSPS, 1.8V Dual, Serial Output A/D Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	155M	71.9	0.55	1.75	567m	JESD204A
AD9644-80	14-Bit, 80 MSPS/155 MSPS, 1.8V Dual, Serial Output A/D Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	14	80M	73.8	0.5	1.75	423m	JESD204A
AD9961	10-/12-Bit, Low Power, Broadband MxFE	RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End (MxFE)	2	10	200M	61	-	1.56	342m	Parallel
AD9963	10-/12-Bit, Low Power, Broadband MxFE	RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End (MxFE)	2	12	80M	68	-	1.56	425m	Parallel
AD9467-200	16-Bit, 200 MSPS/250 MSPS Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	16	200M	76.4	5	2.5	1.26	Parallel LVDS
AD9467-250	16-Bit, 200 MSPS/250 MSPS Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	16	250M	76.4	3.5	2.5	1.33	Parallel LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTC2259-16	16-Bit, 80Msps Ultralow Power 1.8V ADC	PRODUCTION	High Speed ADC	1	16	80M	73.1	4	2	89m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
MAX19191	Ultra-Low-Power, 10Msps, 8-Bit ADC	PRODUCTION	High Speed ADC	1	8	10M	48.6	0.14	2.048	-	µP/8
LTC2263-14	14-Bit, 25Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	14	25M	72.9	1	2	94m	Serial LVDS
LTC2264-14	14-Bit, 40Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	14	40M	73.5	1	2	117m	Serial LVDS
LTC2265-14	14-Bit, 65Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	14	65M	73.7	1	2	171m	Serial LVDS
LTC2170-12	12-Bit, 25Msps Low Power Quad ADCs	PRODUCTION	High Speed ADC	4	12	25M	70.5	0.3	2	160m	Serial LVDS
LTC2171-12	12-Bit, 40Msps Low Power Quad ADCs	PRODUCTION	High Speed ADC	4	12	40M	70.9	0.3	2	198m	Serial LVDS
LTC2263-12	12-Bit, 25Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	12	25M	70.5	0.3	2	94m	Serial LVDS
LTC2264-12	12-Bit, 40Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	12	40M	70.9	0.3	2	112m	Serial LVDS
LTC2172-12	12-Bit, 65Msps Low Power Quad ADCs	PRODUCTION	High Speed ADC	4	12	65M	71	0.3	2	306m	Serial LVDS
LTC2265-12	12-Bit, 65Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	12	65M	71	0.3	2	167m	Serial LVDS
LTC2170-14	14-Bit, 25Msps Low Power Quad ADCs	PRODUCTION	High Speed ADC	4	14	25M	72.9	1	2	162m	Serial LVDS
LTC2171-14	14-Bit, 40Msps Low Power Quad ADCs	PRODUCTION	High Speed ADC	4	14	40M	73.5	1	2	202m	Serial LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTC2172-14	14-Bit, 65Msps Low Power Quad ADCs	PRODUCTION	High Speed ADC	4	14	65M	73.7	1	2	311m	Serial LVDS
AD6642	Dual IF Receiver	PRODUCTION	IF/RF Receiver	2	11	200M	75.5	0.2	1.75	620m	Parallel, Serial LVDS
AD9266-20	16-Bit, 20/40/65/80 MSPS, 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	16	20M	78.2	1.8	2	60m	Parallel, SPI
AD9266-40	16-Bit, 20/40/65/80 MSPS, 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	16	40M	78.2	1.8	2	79m	Parallel, SPI
AD9266-65	16-Bit, 20/40/65/80 MSPS, 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	16	65M	77.9	2.4	2	107m	Parallel, SPI
AD9266-80	16-Bit, 20/40/65/80 MSPS, 1.8 V Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	16	80M	77.6	3.5	2	124m	Parallel, SPI
AD9609-20	10-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	10	20M	61.7	0.15	2	46.3m	Parallel
AD9609-40	10-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	10	40M	61.7	0.15	2	57.4m	Parallel
AD9609-65	10-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	10	65M	61.5	0.15	2	73.3m	Parallel
AD9609-80	10-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	10	80M	61.5	0.15	2	83m	Parallel
AD9255-105	14-Bit, 125 MSPS/105 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	105M	78.9	0.45	2	338m	Parallel
AD9255-125	14-Bit, 125 MSPS/105 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	125M	78.3	0.7	2	391m	Parallel

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9255-80	14-Bit, 125 MSPS/105 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	80M	79.2	0.35	2	252m	Parallel
AD9265-105	16-Bit, 125 MSPS/105 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	16	105M	79.7	2	2	341m	Parallel
AD9265-125	16-Bit, 125 MSPS/105 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	16	125M	79	3	2	394m	Parallel
AD9265-80	16-Bit, 125 MSPS/105 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	16	80M	80.2	1.5	2	254m	Parallel
AD9269-20	16-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	16	20M	78	2	2	96.9m	Parallel
AD9269-40	16-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	16	40M	78	2	2	136.3m	Parallel
AD9269-65	16-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	16	65M	77.5	2.2	2	191.2m	Parallel
AD9269-80	16-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	2	16	80M	77.6	3.3	2	224.6m	Parallel
AD9629-20	12-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	20M	71.4	0.11	2	47.5m	Parallel
AD9629-40	12-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	40M	71.4	0.11	2	60.5m	Parallel

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9629-65	12-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	65M	71.3	0.13	2	81.7m	Parallel
AD9629-80	12-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	80M	71.3	0.16	2	93m	Parallel
AD9649-20	14-Bit, 20/40/65/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	20M	74.7	0.5	2	47.9m	Parallel
AD9649-40	14-Bit, 20/40/65/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	40M	74.7	0.5	2	61.6m	Parallel
AD9649-65	14-Bit, 20/40/65/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	65M	74.5	0.5	2	82.3m	Parallel
AD9649-80	14-Bit, 20/40/65/80 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	80M	74.3	0.6	2	94.7m	Parallel
LTC2266-12	12-Bit, 80Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	12	80M	70.6	0.3	2	200m	Serial LVDS
LTC2267-12	12-Bit, 105Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	12	105M	70.6	0.3	2	238m	Serial LVDS
LTC2268-12	12-Bit, 125Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	12	125M	70.6	0.3	2	292m	Serial LVDS
LTC2173-12	12-Bit, 80Msps Low Power Quad ADCs	PRODUCTION	High Speed ADC	4	12	80M	70.6	0.3	2	92m	Serial LVDS
LTC2174-12	12-Bit, 105Msps Low Power Quad ADCs	PRODUCTION	High Speed ADC	4	12	105M	70.6	0.3	2	110m	Serial LVDS
LTC2175-12	12-Bit, 125Msps Low Power Quad ADCs	PRODUCTION	High Speed ADC	4	12	125M	70.6	0.3	2	136m	Serial LVDS
MAX1438B	Octal, 12-Bit, 64Msps, 1.8V ADC with Serial LVDS Outputs	PRODUCTION	-	8	12	65M	69.6	0.4	-	-	Serial LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTM9001-GA	16-Bit, 25Msps IF/Baseband Receiver Subsystem	NOT RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receiver	1	16	25M	78	-	-	550m	Parallel CMOS
LTC2173-14	14-Bit, 80Msps Low Power Quad ADCs	PRODUCTION	High Speed ADC	4	14	80M	73	1	2	376m	Serial LVDS
LTC2174-14	14-Bit, 105Msps Low Power Quad ADCs	PRODUCTION	High Speed ADC	4	14	105M	73	1	2	450m	Serial LVDS
LTC2175-14	14-Bit, 125Msps Low Power Quad ADCs	PRODUCTION	High Speed ADC	4	14	125M	73.1	1	2	558m	Serial LVDS
LTC2266-14	14-Bit, 80Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	14	80M	73	1	2	203m	Serial LVDS
LTC2267-14	14-Bit, 105Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	14	105M	73	1	2	243m	Serial LVDS
LTC2268-14	14-Bit, 125Msps Low Power Dual ADCs	PRODUCTION	High Speed ADC	2	14	125M	73.1	1	2	299m	Serial LVDS
LTM9003-AA	12-Bit Digital Pre-Distortion µModule Receiver Subsystem	LAST TIME BUY	Signal Chain uModule Receiver	1	12	250M	-	-	1	1.472	Parallel LVDS
LTM9003-AB	12-Bit Digital Pre-Distortion µModule Receiver Subsystem	LAST TIME BUY	Signal Chain uModule Receiver	1	12	250M	64	1	1	1.591	Parallel LVDS
LTM9002-AA	14-Bit, 125Msps Dual-Channel IF/Baseband Receiver Subsystem	NOT RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receiver	2	14	125M	66	1.5	0.1	1.329	Parallel CMOS
LTM9002-LA	14-Bit, 125Msps Dual-Channel IF/Baseband Receiver Subsystem	NOT RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receiver	2	12	65M	69.9	1.5	0.8	690m	Parallel CMOS
LTC2207-14	14-Bit, 105Msps ADC	PRODUCTION	High Speed ADC	1	14	105M	77.3	0.4	2.25	947m	Parallel CMOS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTC2208-14	14-Bit, 130Msps ADC	PRODUCTION	High Speed ADC	1	14	130M	77.1	1	2.25	1.32	Parallel CMOS, Parallel LVDS
AD9276	Octal LNA/VGA/AAF/12-Bit ADC and CW I/Q Demodulator	PRODUCTION	High Speed ADC	8	12	80M	-	-	2	1.78	Serial LVDS
AD9277	Octal LNA/VGA/AAF/14-Bit ADC and CW I/Q Demodulator	PRODUCTION	High Speed ADC	8	14	50M	-	-	2	1.66	Serial LVDS, SPI
AD9204-20	10-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	10	20M	61.7	0.15	2	76.7m	Parallel
AD9204-40	10-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	10	40M	61.7	0.15	2	111m	Parallel
AD9204-65	10-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	10	65M	61.5	0.25	2	150.8m	Parallel
AD9204-80	10-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	10	80M	61.3	0.25	2	177m	Parallel
AD9231-20	12-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	12	20M	70.7	0.15	2	70m	Parallel
AD9231-40	12-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	12	40M	71.5	0.15	2	97.5m	Parallel
AD9231-65	12-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	12	65M	71.4	0.17	2	138m	Parallel
AD9258-105	14-Bit, 125 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	PRODUCTION	High Speed ADC	2	14	105M	78.4	0.7	2	590m	Parallel
AD9258-125	14-Bit, 125 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	PRODUCTION	High Speed ADC	2	14	125M	77.7	0.8	2	788m	Parallel

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9258-80	14-Bit, 125 MSPS, 1.8 V Dual Analog-to-Digital Converter (ADC)	PRODUCTION	High Speed ADC	2	14	80M	79	0.55	2	425m	Parallel
AD9268-105	16-Bit, 125 MSPS/105 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	16	105M	78.9	3	2	685m	Parallel
AD9268-125	16-Bit, 125 MSPS/105 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	16	125M	78.8	3	2	788m	Parallel
AD9268-80	16-Bit, 125 MSPS/105 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	16	80M	79.7	2	2	425m	Parallel
LTC2262-12	12-Bit, 150Msps Ultralow Power 1.8V ADC	PRODUCTION	High Speed ADC	1	12	150M	70.5	0.3	2	146m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2262-14	14-Bit, 150Msps Ultralow Power 1.8V ADC	PRODUCTION	High Speed ADC	1	14	150M	72.8	1	2	149m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
AD9283S	Aerospace 8-Bit, 100 MSPS Analog to Digital Converter	PRODUCTION	High Speed ADC	1	8	100M	-	-	1.024	-	Parallel
LTC2256-12	12-Bit, 25Msps Ultralow Power 1.8V ADCs	PRODUCTION	High Speed ADC	1	12	25M	70.5	0.3	2	47m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2256-14	14-Bit, 25Msps Ultralow Power 1.8V ADCs	PRODUCTION	High Speed ADC	1	14	25M	72.9	1	2	35m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2257-12	12-Bit, 40Msps Ultralow Power 1.8V ADCs	PRODUCTION	High Speed ADC	1	12	40M	70.8	0.3	2	47m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTC2257-14	14-Bit, 40Msps Ultralow Power 1.8V ADCs	PRODUCTION	High Speed ADC	1	14	40M	74	1	2	49m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2258-12	12-Bit, 65Msps Ultralow Power 1.8V ADCs	PRODUCTION	High Speed ADC	1	12	65M	71.1	0.3	2	79m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2258-14	14-Bit, 65Msps Ultralow Power 1.8V ADCs	PRODUCTION	High Speed ADC	1	14	65M	73.4	1	2	81m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2272	16-Bit, 65Msps Serial Output ADC (JESD204)	PRODUCTION	High Speed ADC	1	16	65M	77.6	1.2	2.25	990m	JESD204
LTC2273	16-Bit, 80Msps Serial Output ADC (JESD204)	PRODUCTION	High Speed ADC	1	16	80M	77.6	1.2	2.25	1.1	JESD204
AD9251-20	14-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	14	20M	74.7	0.6	2	95m	Parallel
AD9251-40	14-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	14	40M	74.7	0.6	2	105.5m	Parallel
AD9251-65	14-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	14	65M	74.5	0.6	2	146.5m	Parallel
AD9251-80	14-Bit, 20 MSPS/40 MSPS/65 MSPS/80 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	14	80M	74.3	1	2	232m	Parallel
AD9230-11	11-Bit, 200 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	11	200M	62.9	0.5	1.25	400m	Serial LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTC2259-12	12-Bit, 80Msps Ultralow Power 1.8V ADCs	PRODUCTION	High Speed ADC	1	12	80M	70.6	0.3	2	87m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2260-12	12-Bit, 105Msps Ultralow Power 1.8V ADCs	PRODUCTION	High Speed ADC	1	12	105M	70.8	0.3	2	103m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2261-12	12-Bit, 125Msps Ultralow Power 1.8V ADCs	PRODUCTION	High Speed ADC	1	12	125M	70.8	0.3	2	124m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
AD9239-170	Quad, 12-Bit, 170 MSPS/210 MSPS/250 MSPS Serial Output 1.8 V ADC	PRODUCTION	High Speed ADC	4	12	170M	64.5	0.45	1.25	1.634	SPI
AD9239-210	Quad, 12-Bit, 170 MSPS/210 MSPS/250 MSPS Serial Output 1.8 V ADC	PRODUCTION	High Speed ADC	4	12	210M	64.2	0.7	1.25	1.298	SPI
AD9239-250	Quad, 12-Bit, 170 MSPS/210 MSPS/250 MSPS Serial Output 1.8 V ADC	PRODUCTION	High Speed ADC	4	12	250M	64.5	0.7	1.25	1.634	SPI
LTC2259-14	14-Bit, 80Msps Ultra-Low Power 1.8V ADCs	PRODUCTION	High Speed ADC	1	14	80M	73.1	1	2	89m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2260-14	14-Bit, 105Msps Ultra-Low Power 1.8V ADCs	PRODUCTION	High Speed ADC	1	14	105M	73.4	1	2	106m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS
LTC2261-14	14-Bit, 125Msps Ultra-Low Power 1.8V ADCs	PRODUCTION	High Speed ADC	1	14	125M	73.4	1	2	127m	Parallel CMOS, Parallel DDR CMOS, Parallel DDR LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9272-40	Octal LNA/VGA/AAF/ADC and Crosspoint Switch	PRODUCTION	High Speed ADC	8	12	40M	-	-	2	1.56	Serial LVDS
AD9272-65	Octal LNA/VGA/AAF/ADC and Crosspoint Switch	PRODUCTION	High Speed ADC	8	12	65M	-	-	2	1.69	Serial LVDS
AD9272-80	Octal LNA/VGA/AAF/ADC and Crosspoint Switch	PRODUCTION	High Speed ADC	8	12	80M	-	-	2	1.78	Serial LVDS
AD9273-25	Octal LNA/VGA/AAF/ADC and Crosspoint Switch	PRODUCTION	High Speed ADC	8	12	25M	-	-	2	819m	Serial LVDS
AD9273-40	Octal LNA/VGA/AAF/ADC and Crosspoint Switch	PRODUCTION	High Speed ADC	8	12	40M	-	-	2	873m	Serial LVDS
AD9273-50	Octal LNA/VGA/AAF/ADC and Crosspoint Switch	PRODUCTION	High Speed ADC	8	12	50M	-	-	2	943m	Serial LVDS
MAX19515	Dual-Channel, 10-Bit, 65Msps ADC	PRODUCTION	High Speed ADC	2	10	65M	60.1	0.25	-	-	Selectable Dual/Mux'd CMOS
MAX19517	Dual-Channel, 10-Bit, 130Msps ADC	PRODUCTION	High Speed ADC	2	10	130M	59.8	0.25	-	-	Selectable Dual/Mux'd CMOS
MAX19516	Dual-Channel, 10-Bit, 100Msps ADC	PRODUCTION	High Speed ADC	2	10	100M	60	0.25	-	-	Selectable Dual/Mux'd CMOS
MAX1437B	Octal, 12-Bit, 50Msps, 1.8V ADC with Serial LVDS Outputs	PRODUCTION	High Speed ADC	8	12	50M	70.1	0.3	-	-	Serial LVDS
AD9054AS	Aerospace 8-Bit, 200 MSPS MSPS A/D Converter	PRODUCTION	High Speed ADC	1	8	200M	45	1.5	2	700m	Parallel
AD9042S	Aerospace 12-Bit 41 MSPS ADC	PRODUCTION	High Speed ADC	1	12	41M	68	-	1	595m	Parallel
LTC2274	16-Bit, 105Msps Serial Output ADC (JESD204)	PRODUCTION	High Speed ADC	1	16	105M	77.6	1.2	2.25	1.3	JESD204

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD6655-105	IF Diversity Receiver	PRODUCTION	IF/RF Receiver	2	14	105M	74.8	-	2	1	Parallel CMOS, Parallel LVDS
AD6655-125	IF Diversity Receiver	PRODUCTION	IF/RF Receiver	2	14	125M	74.7	-	2	1.2	Parallel CMOS, Parallel LVDS
AD6655-150	IF Diversity Receiver	PRODUCTION	IF/RF Receiver	2	14	150M	74.6	-	2	1.4	Parallel CMOS, Parallel LVDS
AD6655-80	IF Diversity Receiver	PRODUCTION	IF/RF Receiver	2	14	80M	74.9	-	2	0.8	Parallel CMOS, Parallel LVDS
LTC2215	16-Bit, 65Msps Low Noise ADC	PRODUCTION	High Speed ADC	1	16	65M	81.5	1.2	2.75	700m	Parallel CMOS, Parallel LVDS
LTC2216	16-Bit, 80Msps Low Noise ADC	PRODUCTION	High Speed ADC	1	16	80M	81.3	1.2	2.75	970m	Parallel CMOS, Parallel LVDS
AD9868	Broadband Modem Mixed-Signal Front End	PRODUCTION	Mixed Signal Front End (MxFE)	1	10	80M	59	-	6.33	1.57	SPI
AD9212-40	Octal, 10-Bit, 40 MSPS/65 MSPS, Serial LVDS, 1.8 V ADC	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	10	40M	61.2	0.15	2	560m	Serial LVDS
AD9212-65	Octal, 10-Bit, 40 MSPS/65 MSPS, Serial LVDS, 1.8 V ADC	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	10	65M	60.8	0.4	2	833m	Serial LVDS
AD9219-40	Quad, 10-Bit, 40/65 MSPS Serial LVDS 1.8 V A/D Converter	PRODUCTION	High Speed ADC	4	10	40M	60.2	0.15	2	313m	Serial LVDS
AD9219-65	Quad, 10-Bit, 40/65 MSPS Serial LVDS 1.8 V A/D Converter	PRODUCTION	High Speed ADC	4	10	65M	60.2	0.3	2	408m	Serial LVDS
AD9222-40	Octal, 12-Bit, 40/50/65 MSPS Serial LVDS 1.8 V A/D Converter	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	12	40M	70.3	0.4	2	722m	Serial LVDS
AD9222-50	Octal, 12-Bit, 40/50/65 MSPS Serial LVDS 1.8 V A/D Converter	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	12	50M	70.4	0.4	2	740m	Serial LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9222-65	Octal, 12-Bit, 40/50/65 MSPS Serial LVDS 1.8 V A/D Converter	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	12	65M	70.3	0.4	2	950m	Serial LVDS
AD9228-40	Quad, 12-Bit, 40/65 MSPS Serial LVDS 1.8 V A/D Converter	PRODUCTION	High Speed ADC	4	12	40M	70.2	0.4	2	510m	Serial LVDS
AD9228-65	Quad, 12-Bit, 40/65 MSPS Serial LVDS 1.8 V A/D Converter	PRODUCTION	High Speed ADC	4	12	65M	70.2	0.4	2	510m	Serial LVDS
AD9230-170	12-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	170M	64.6	0.5	1.25	407m	Parallel LVDS
AD9230-210	12-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	210M	64.5	0.4	1.25	383m	Parallel LVDS
AD9230-250	12-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	250M	64.1	0.5	1.25	463m	Parallel LVDS
AD9252	Octal, 14-Bit, 50 MSPS, Serial LVDS, 1.8 V ADC	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	8	14	50M	73.2	1.5	2	773m	Serial LVDS
AD9259	Quad, 14-Bit, 50 MSPS Serial LVDS 1.8 V ADC	PRODUCTION	High Speed ADC	4	14	50M	73.5	1.5	2	409m	Serial LVDS
AD9271-25	Octal LNA/VGA/AAF/ADC and Crosspoint Switch	PRODUCTION	High Speed ADC	8	12	25M	-	-	-	993m	Serial LVDS
AD9271-40	Octal LNA/VGA/AAF/ADC and Crosspoint Switch	PRODUCTION	High Speed ADC	8	12	40M	-	-	-	1.19	Serial LVDS
AD9271-50	Octal LNA/VGA/AAF/ADC and Crosspoint Switch	PRODUCTION	High Speed ADC	8	12	50M	-	-	-	1.425	Serial LVDS
AD9287	Quad, 8-Bit, 100 MSPS Serial LVDS 1.8 V A/D Converter	PRODUCTION	High Speed ADC	4	8	100M	49.2	0.2	2	562m	Serial LVDS
LTC2217	16-Bit, 105Msps Low Noise ADC	PRODUCTION	High Speed ADC	1	16	105M	81.2	1.3	2.75	1.19	Parallel CMOS, Parallel LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTM9001-AA	16-Bit IF/Baseband Receiver Subsystem	PRODUCTION	Signal Chain uModule Receiver	1	16	130M	72	-	0.233	1.65	Parallel CMOS, Parallel LVDS
LTM9001-AD	16-Bit IF/Baseband Receiver Subsystem	PRODUCTION	Signal Chain uModule Receiver	1	16	130M	75	-	0.424	1.65	Parallel CMOS, Parallel LVDS
LTM9001-BA	16-Bit IF/Baseband Receiver Subsystem	PRODUCTION	Signal Chain uModule Receiver	1	16	160M	69.2	-	0.82	1.914	Parallel CMOS, Parallel LVDS
AD9601-200	10-Bit, 200 MSPS/250 MSPS 1.8 V Analog-to-Digital Converter	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	10	200M	59.5	0.2	1.25	344m	Parallel
AD9626-170	12-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Analog-to-Digital Converter	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	170M	64.5	0.7	1.25	291m	Parallel
AD9626-210	12-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Analog-to-Digital Converter	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	210M	64.4	0.6	1.25	310m	Parallel
AD9626-250	12-Bit, 170 MSPS/210 MSPS/250 MSPS, 1.8 V Analog-to-Digital Converter	NOT RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	12	250M	64	0.7	1.25	390m	Parallel
AD9600-105	10-Bit, 105 MSPS/125 MSPS/150 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	10	105M	60.7	0.1	2	890m	Parallel
AD9600-125	10-Bit, 105 MSPS/125 MSPS/150 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	10	125M	60.6	0.1	2	740m	Parallel LVDS
AD9600-150	10-Bit, 105 MSPS/125 MSPS/150 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	10	150M	60.6	0.1	2	890m	Parallel
AD9627-105	12-Bit, 80 MSPS/105 MSPS/125 MSPS/150 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	11	105M	69.6	0.4	2	650m	Parallel

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9627-125	12-Bit, 80 MSPS/105 MSPS/125 MSPS/150 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	12	125M	69.5	0.4	2	890m	Parallel
AD9627-150	12-Bit, 80 MSPS/105 MSPS/125 MSPS/150 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	12	150M	69.4	0.5	2	890m	Parallel
AD9216-105	10-Bit, 65/80/105 MSPS Dual A/D Converter	PRODUCTION	High Speed ADC	2	10	105M	58	1	2	330m	Parallel
AD9216-65	10-Bit, 65/80/105 MSPS Dual A/D Converter	PRODUCTION	High Speed ADC	2	10	65M	58.6	0.5	2	240m	Parallel
AD9216-80	10-Bit, 65/80/105 MSPS Dual A/D Converter	PRODUCTION	High Speed ADC	2	10	80M	58.5	0.5	2	279m	Parallel
AD9218-105	10-Bit, 40/65/80/105 MSPS 3 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	10	105M	55	2	1	565m	Parallel
AD9218-40	10-Bit, 40/65/80/105 MSPS 3 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	10	40M	59	0.3	2	340m	Parallel
AD9218-65	10-Bit, 40/65/80/105 MSPS 3 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	10	65M	57	1	2	390m	Parallel
AD9218-80	10-Bit, 40/65/80/105 MSPS 3 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	10	80M	58	0.75	1	565m	Parallel
AD9229-50	Quad 12-Bit, 50/65 MSPS, Serial LVDS A/D Converter	PRODUCTION	High Speed ADC	4	12	50M	70.4	0.6	2	1.083	Serial LVDS
AD9229-65	Quad 12-Bit, 50/65 MSPS, Serial LVDS A/D Converter	PRODUCTION	High Speed ADC	4	12	65M	70.2	0.4	2	1.465	Serial LVDS
AD9233-105	12-Bit, 80 MSPS/105 MSPS/125 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	105M	69.5	0.5	2	350m	Parallel

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9233-125	12-Bit, 80 MSPS/105 MSPS/125 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	125M	69.5	0.5	2	425m	Parallel
AD9233-80	12-Bit, 80 MSPS/105 MSPS/125 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	80M	69.5	0.5	2	279m	Parallel
AD9235-20	12-Bit, 20/40/65 MSPS, 3 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	20M	70.8	0.45	2	110m	Parallel
AD9235-40	12-Bit, 20/40/65 MSPS, 3 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	40M	70.6	0.5	2	205m	Parallel
AD9235-65	12-Bit, 20/40/65 MSPS, 3 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	65M	70.5	0.7	2	350m	Parallel
AD9236	12-Bit, 80 MSPS, 3 V A/D Converter	PRODUCTION	High Speed ADC	1	12	80M	70.9	0.35	2	411m	Parallel
AD9237-20	12-Bit, 20/40/65 MSPS 3 V Low Power A/D Converter	PRODUCTION	High Speed ADC	1	12	20M	66.8	0.9	4	100m	Parallel
AD9237-40	12-Bit, 20/40/65 MSPS 3 V Low Power A/D Converter	PRODUCTION	High Speed ADC	1	12	40M	66.5	0.9	4	150m	Parallel
AD9237-65	12-Bit, 20/40/65 MSPS 3 V Low Power A/D Converter	PRODUCTION	High Speed ADC	1	12	65M	66.5	0.9	4	270m	Parallel
AD9238-20	12-Bit, 20 MSPS/40 MSPS/65 MSPS, Dual A/D Converter	PRODUCTION	High Speed ADC	2	12	20M	70.4	0.4	2	212m	Parallel
AD9238-40	12-Bit, 20 MSPS/40 MSPS/65 MSPS, Dual A/D Converter	PRODUCTION	High Speed ADC	2	12	40M	70.4	0.5	2	397m	Parallel
AD9238-65	12-Bit, 20 MSPS/40 MSPS/65 MSPS, Dual A/D Converter	PRODUCTION	High Speed ADC	2	12	65M	70.3	0.55	2	698m	Parallel
AD9246-105	14-Bit, 80 MSPS/105 MSPS/125 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	105M	71.9	1.3	2	349m	Parallel

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9246-125	14-Bit, 80 MSPS/105 MSPS/125 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	125M	71.9	1.5	2	458m	Parallel
AD9246-80	14-Bit, 80 MSPS/105 MSPS/125 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	80M	71.9	1.5	2	279m	Parallel
AD9248-20	Dual 14-Bit, 20/40/65 MSPS, 3 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	14	20M	73.4	2.3	2	217m	Parallel
AD9248-40	Dual 14-Bit, 20/40/65 MSPS, 3 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	14	40M	73.1	2.3	2	400m	Parallel
AD9248-65	Dual 14-Bit, 20/40/65 MSPS, 3 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	14	65M	72.8	2.3	2	700m	Parallel
AD9254	14-Bit, 150 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	150M	71.6	1.5	2	470m	Parallel
AD9283-100	8-Bit, 50 MSPS/80 MSPS/100 MSPS ADC	PRODUCTION	High Speed ADC	1	8	100M	46.5	0.75	1.024	90m	Parallel
AD9283-50	8-Bit, 50 MSPS/80 MSPS/100 MSPS ADC	PRODUCTION	High Speed ADC	1	8	50M	47	0.75	1.024	80m	Parallel
AD9283-80	8-Bit, 50 MSPS/80 MSPS/100 MSPS ADC	PRODUCTION	High Speed ADC	1	8	80M	47	0.75	1.024	90m	Parallel
AD9289	Quad 8-Bit, 65 MSPS, Serial LVDS A/D Converter	LAST TIME BUY	High Speed ADC	4	8	65M	49	0.25	2	550m	Serial LVDS
AD9430-170	12-Bit, 170/210 MSPS 3.3 V A/D Converter	PRODUCTION	High Speed ADC	1	12	170M	65	0.5	1.5	1.43	Parallel
AD9430-210	12-Bit, 170/210 MSPS 3.3 V A/D Converter	PRODUCTION	High Speed ADC	1	12	210M	64.5	0.3	1.5	1.7	Parallel
AD9432-105	12-Bit, 105 MSPS Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	105M	67.5	0.5	2	1.1	Parallel

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9432-80	12-Bit, 105 MSPS Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	80M	67.5	0.5	2	1	Parallel
AD9433-105	12-Bit 105/125 MSPS Analog-To-Digital IF Sampling Converter	PRODUCTION	High Speed ADC	1	12	105M	68	0.5	2	1.425	Parallel
AD9433-125	12-Bit 105/125 MSPS Analog-To-Digital IF Sampling Converter	PRODUCTION	High Speed ADC	1	12	125M	67.7	0.5	2	1.5	Parallel
AD9444	14-Bit, 80 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	14	80M	74	0.6	2	1.4	Parallel
AD9445-105	14-Bit, 105 MSPS / 125 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	14	105M	74.3	0.65	3.2	2.6	Parallel
AD9445-125	14-Bit, 105 MSPS / 125 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	14	125M	74.1	0.8	3.2	2.6	Parallel
AD9446-100	16-Bit, 80 MSPS / 100 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	16	100M	79.7	3	3.2	2.8	Parallel
AD9446-80	16-Bit, 80 MSPS / 100 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	16	80M	81.8	3	3.2	2.6	Parallel
AD9460-105	16-Bit, 80 MSPS/105 MSPS ADC	PRODUCTION	High Speed ADC	1	16	105M	78.1	3	3.4	2.2	Parallel
AD9460-80	16-Bit, 80 MSPS/105 MSPS ADC	PRODUCTION	High Speed ADC	1	16	80M	78.4	3	3.4	1.8	Parallel
AD9461	16-Bit, 130 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	16	130M	77.7	5	3.4	2.4	Parallel
AD9480	8-Bit, 250 MSPS, 3.3 V A/D Converter	PRODUCTION	High Speed ADC	1	8	250M	47	0.26	1	698m	Parallel
AD9481	8-Bit, 250 MSPS, 3.3 V A/D Converter	PRODUCTION	High Speed ADC	1	8	250M	46	0.26	1	618.8m	Parallel
AD9640-105	14-Bit, 80/105/125/150 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	14	105M	72.3	2	2	730m	Parallel

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9640-125	14-Bit, 80/105/125/150 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	14	125M	72.1	2	2	910m	Parallel
AD9640-150	14-Bit, 80/105/125/150 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	14	150M	71.9	2	5	938m	Parallel
AD9640-80	14-Bit, 80/105/125/150 MSPS, 1.8 V Dual Analog-to-Digital Converter	PRODUCTION	High Speed ADC	2	14	80M	72.5	2	2	492m	Parallel
AD6644-40	14-Bit, 40 MSPS/65 MSPS Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	40M	74	0.5	2.2	1.5	Parallel
AD6644-65	14-Bit, 40 MSPS/65 MSPS Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	14	65M	74	0.5	2.2	1.5	Parallel
AD6645-105	14-Bit, 80 MSPS/105 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	14	105M	75	1.5	2.2	1.75	Parallel
AD6645-80	14-Bit, 80 MSPS/105 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	14	80M	75	0.5	2.2	1.75	Parallel
AD9057-40	8-Bit, 40/60/80 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	8	40M	46.5	0.75	1	281m	Parallel
AD9057-60	8-Bit, 40/60/80 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	8	60M	46	0.75	1	205m	Parallel
AD9057-80	8-Bit, 40/60/80 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	8	80M	46	0.75	1	281m	Parallel
AD9059	Dual 8-Bit, 60 MSPS A/D Converter	PRODUCTION	High Speed ADC	2	8	60M	46	0.75	1	505m	Parallel
AD9203	10-Bit, 40 MSPS, Low-Power Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	10	40M	60	0.65	2	108m	Parallel
AD9211-200	10-Bit, 200 MSPS/250 MSPS/300 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	10	200M	59.5	0.2	1.25	356m	Parallel LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9211-250	10-Bit, 200 MSPS/250 MSPS/300 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	10	250M	59.4	0.2	1.25	353m	Parallel LVDS
AD9211-300	10-Bit, 200 MSPS/250 MSPS/300 MSPS, 1.8 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	10	300M	59.2	0.2	1.25	468m	Parallel LVDS
AD9214-105	10-Bit, 65 MSPS/80 MSPS/105 MSPS 3 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	10	105M	53	1.5	2	325m	Parallel
AD9214-65	10-Bit, 65 MSPS/80 MSPS/105 MSPS 3 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	10	65M	58.3	0.75	2	220m	Parallel
AD9214-80	10-Bit, 65 MSPS/80 MSPS/105 MSPS 3 V Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	10	80M	58.1	0.75	2	220m	Parallel
AD9215-105	10-Bit, 65/80/105 MSPS 3 V A/D Converter	PRODUCTION	High Speed ADC	1	10	105M	57.5	0.65	2	145m	Parallel
AD9215-65	10-Bit, 65/80/105 MSPS 3 V A/D Converter	PRODUCTION	High Speed ADC	1	10	65M	58.5	0.5	2	114m	Parallel
AD9215-80	10-Bit, 65/80/105 MSPS 3 V A/D Converter	PRODUCTION	High Speed ADC	1	10	80M	58.5	0.5	2	96m	Parallel
LTC2209	16-Bit, 160Msps ADC	PRODUCTION	High Speed ADC	1	16	160M	77.1	1.5	2.25	1.45	Parallel CMOS, Parallel LVDS
AD9410	10-Bit, 210 MSPS ADC	PRODUCTION	High Speed ADC	1	10	210M	55	1.65	1.5	2.4	Parallel
AD6640	12-Bit, 65 MSPS IF Sampling A/D Converter	PRODUCTION	High Speed ADC	1	12	65M	68	1.25	2	865m	Parallel
AD10200	Dual Channel, 12-Bit, 105 MSPS IF Sampling A/D Converter With Analog Input Signal Conditioning	LAST TIME BUY	High Speed ADC	2	12	105M	67	0.75	2.048	2.2	Parallel

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD10465	Dual Channel, 14-Bit, 65 MSPS A/D Converter With Analog Input Signal Conditioning	LAST TIME BUY	High Speed ADC	2	14	65M	70	-	4	3.5	Parallel
AD6650	Diversity IF-to-Baseband GSM/EDGE Narrow-Band Receiver	NOT RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	-	26M	-	-	-	1.7	Serial
MAX1436B	Octal, 12-Bit, 40Msps, 1.8V ADC with Serial LVDS Outputs	PRODUCTION	High Speed ADC	8	12	40M	69.6	0.4	-	-	Serial LVDS
LTC2281	Dual 10-Bit, 125Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	2	10	125M	61.6	0.1	2	790m	Parallel CMOS
LTC2283	Dual 12-Bit, 125Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	2	12	125M	70.2	0.4	2	790m	Parallel CMOS
LTC2285	Dual 14-Bit, 125Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	2	14	125M	72.4	1.5	2	790m	Parallel CMOS
MAX19588	High-Dynamic-Range, 16-Bit, 100Msps ADC with -82dBFS Noise Floor	PRODUCTION	High Speed ADC	1	16	100M	79	-	-	-	µP/16
LTC2240-10	10-Bit, 170Msps ADC	PRODUCTION	High Speed ADC	1	10	170M	60.6	0.3	2	445m	Parallel CMOS, Parallel LVDS
LTC2240-12	12-Bit, 170Msps ADC	PRODUCTION	High Speed ADC	1	12	170M	65.6	0.6	2	445m	Parallel CMOS, Parallel LVDS
LTC2241-10	10-Bit, 210Msps ADC	PRODUCTION	High Speed ADC	1	10	210M	60.6	0.3	2	585m	Parallel CMOS, Parallel LVDS
LTC2241-12	12-Bit, 210Msps ADC	PRODUCTION	High Speed ADC	1	12	210M	65.5	0.7	2	585m	Parallel CMOS, Parallel LVDS
LTC2242-10	10-Bit, 250Msps ADC	PRODUCTION	High Speed ADC	1	10	250M	60.6	0.4	2	740m	Parallel CMOS, Parallel LVDS
LTC2242-12	12-Bit, 250Msps ADC	PRODUCTION	High Speed ADC	1	12	250M	65.4	1	2	740m	Parallel CMOS, Parallel LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD6600	Diversity Receiver Chipset	PRODUCTION	IF/RF Receiver	2	-	20M	-	-	-	976m	Parallel
AD9874	Low Power IF Digitizing Subsystem	PRODUCTION	IF/RF Receiver	1	24	26M	-	-	-	62m	Serial
AD9244-40	14-Bit 40/65 MSPS IF Sampling Analog-To-Digital Converter	PRODUCTION	High Speed ADC	1	14	40M	75.3	1.3	2	370m	Parallel
AD9244-65	14-Bit 40/65 MSPS IF Sampling Analog-To-Digital Converter	PRODUCTION	High Speed ADC	1	14	65M	74.8	1.4	2	640m	Parallel
AD9864	IF Digitizing Subsystem	PRODUCTION	Mixed Signal Front End (MxFE)	1	-	18M	-	-	-	-	SPI
AD9861-50	Mixed-Signal Front-End (MxFE™) Baseband Transceiver for Broadband Applications	NOT RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End (MxFE)	2	10	50M	60	-	-	-	Parallel
AD9861-80	Mixed-Signal Front-End (MxFE™) Baseband Transceiver for Broadband Applications	NOT RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End (MxFE)	2	10	80M	59.5	-	-	-	Parallel
AD9865	Broadband Modem Mixed-Signal Front End	PRODUCTION	Mixed Signal Front End (MxFE)	1	10	80M	59	-	-	475m	Parallel
AD9866	12-Bit Broadband Modem Mixed Signal Front End (MxFE®)	NOT RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End (MxFE)	1	12	80M	64.3	-	6.33	1.66	SPI
AD9877	Single Supply Cable Modem/Set Top Box Mixed Signal Front End (MxFE®)	PRODUCTION	Mixed Signal Front End (MxFE)	3	8	16.5M	-	-	-	1.17	Parallel
LTC2280	Dual 10-Bit, 105Msps Low Noise 3V ADC	PRODUCTION	High Speed ADC	2	10	105M	61.6	0.1	2	540m	Parallel CMOS
LTC2282	Dual 12-Bit, 105Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	2	12	105M	70.1	0.4	2	540m	Parallel CMOS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTC2284	Dual 14-Bit, 105Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	2	14	105M	72.4	1.5	2	540m	Parallel CMOS
LTC2206	16-Bit, 80Msps ADC	PRODUCTION	High Speed ADC	1	16	80M	77.9	0.7	2.25	650m	Parallel CMOS
LTC2202	16-Bit, 10Msps ADC	PRODUCTION	High Speed ADC	1	16	10M	81.6	0.7	2.5	140m	Parallel
LTC2203	16-Bit, 25Msps ADCs	PRODUCTION	High Speed ADC	1	16	25M	81.6	0.7	2.5	210m	Parallel CMOS
LTC2208	16-Bit, 130Msps ADC	PRODUCTION	High Speed ADC	1	16	130M	77.7	0.7	2.25	1.25	Parallel CMOS, Parallel LVDS
MAX1438	Octal, 12-Bit, 65Msps, 1.8V ADC with Serial LVDS Outputs	PRODUCTION	High Speed ADC	8	12	65M	69.6	0.4	-	-	Serial LVDS
LTC2204	16-Bit, 40Msps ADC	PRODUCTION	High Speed ADC	1	16	40M	79.1	0.7	2.25	470m	Parallel CMOS
LTC2205	16-Bit, 65Msps ADCs	PRODUCTION	High Speed ADC	1	16	65M	79	0.7	2.25	530m	Parallel CMOS
LTC2205-14	14-Bit, 65Msps ADC	PRODUCTION	High Speed ADC	1	14	65M	78.3	0.6	2.25	600m	Parallel CMOS
LTC2206-14	14-Bit, 80Msps ADC	PRODUCTION	High Speed ADC	1	14	80M	77.3	0.4	2.25	762m	Parallel CMOS
LTC2207	16-Bit, 105Msps ADC	PRODUCTION	High Speed ADC	1	16	105M	77.9	0.7	2.25	900m	Parallel CMOS
AD7720	CMOS Sigma-Delta Modulator with 90 dB Dynamic Range	PRODUCTION	High Speed ADC	1	16	12.5M	-	2	2.5	215m	SPI
LTC2250	10-Bit, 105Msps Low Noise 3V ADCs	PRODUCTION	High Speed ADC	1	10	105M	61.6	0.1	2	320m	Parallel CMOS
LTC2251	10-Bit, 125Msps Low Noise 3V ADCs	PRODUCTION	High Speed ADC	1	10	125M	61.6	0.1	2	395m	Parallel CMOS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTC2252	12-Bit, 105Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	1	12	105M	70.2	0.3	2	320m	Parallel CMOS
LTC2253	12-Bit, 125Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	1	12	125M	70.2	0.3	2	395m	Parallel CMOS
LTC2254	14-Bit, 105Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	1	14	105M	72.5	1	2	320m	Parallel CMOS
LTC2255	14-Bit, 125Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	1	14	125M	72.4	1	2	395m	Parallel CMOS
MAX1434	Octal, 10-Bit, 50Msps, 1.8V ADC with Serial LVDS Outputs	PRODUCTION	High Speed ADC	8	10	50M	61.1	0.1	-	-	Serial LVDS
MAX12557	Dual, 65Msps, 14-Bit, IF/Baseband ADC	PRODUCTION	IF/RF Receiver	2	14	65M	72.5	2.1	2	-	µP/14
AD9226	12-Bit, 65 MSPS Analog-to-Digital Converter	PRODUCTION	High Speed ADC	1	12	65M	68.9	0.6	2	500m	Parallel
LTC2286	Dual 10-Bit, 25Msps Low Noise 3V ADCs	PRODUCTION	High Speed ADC	2	10	25M	61.8	0.1	2	150m	Parallel CMOS
LTC2287	Dual 10-Bit, 40Msps Low Noise 3V ADCs	PRODUCTION	High Speed ADC	2	10	40M	61.8	0.1	2	235m	Parallel CMOS
LTC2288	Dual 10-Bit, 65Msps Low Noise 3V ADCs	PRODUCTION	High Speed ADC	2	10	65M	61.8	0.1	2	400m	Parallel CMOS
MAX12527	Dual, 65Msps, 12-Bit, IF/Baseband ADC	PRODUCTION	High Speed ADC	2	12	65M	69.8	0.3	2	-	µP/12
LTC2289	Dual 10-Bit, 80Msps Low Noise 3V ADC	PRODUCTION	High Speed ADC	2	10	80M	61.6	0.1	2	422m	Parallel CMOS
LTC2294	Dual 12-Bit, 80Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	2	12	80M	70.6	0.4	2	422m	Parallel CMOS
LTC2299	Dual 14-Bit, 80Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	2	14	80M	73	1.2	2	444m	Parallel CMOS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
LTC2290	Dual 12-Bit, 10Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	2	12	10M	71.3	0.3	2	120m	Parallel
LTC2295	Dual 14-Bit, 10Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	2	14	10M	74.4	1.2	2	120m	Parallel
LTC2291	Dual 12-Bit, 25Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	2	12	25M	71.4	0.3	2	150m	Parallel CMOS
LTC2292	Dual 12-Bit, 40Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	2	12	40M	71.4	0.3	2	235m	Parallel CMOS
LTC2293	Dual 12-Bit, 65Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	2	12	65M	71.3	0.3	2	400m	Parallel CMOS
LTC2296	Dual 14-Bit, 25Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	2	14	25M	74.5	1.2	2	150m	Parallel CMOS
LTC2297	Dual 14-Bit, 40Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	2	14	40M	74.4	1.2	2	235m	Parallel CMOS
LTC2298	Dual 14-Bit, 65Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	2	14	65M	74.3	1.2	2	400m	Parallel CMOS
MAX12555	14-Bit, 95Msps, 3.3V ADC	PRODUCTION	IF/RF Receiver	1	14	95M	72.1	1.6	2	-	µP/14
LTC2220	12-Bit, 170Msps ADCs	PRODUCTION	High Speed ADC	1	12	170M	62.7	0.4	2	890m	Parallel CMOS, Parallel LVDS
LTC2221	12-Bit, 135Msps ADCs	PRODUCTION	High Speed ADC	1	12	135M	62.8	0.4	2	660m	Parallel CMOS, Parallel LVDS
LTC2230	10-Bit, 170Msps ADCs	PRODUCTION	High Speed ADC	1	10	170M	61.2	0.2	2	890m	Parallel CMOS, Parallel LVDS
LTC2231	10-Bit, 135Msps ADCs	PRODUCTION	High Speed ADC	1	10	135M	61.2	0.2	2	660m	Parallel CMOS, Parallel LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD10242	Dual Channel, 12-Bit, 40 MSPS MCM A/D Converter with DC-Coupled Analog Input Signal Conditioning (AD9042 Core ADC)	LAST TIME BUY	High Speed ADC	2	12	40M	68	0.3	4	2	Parallel
LTC2229	12-Bit, 80Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	1	12	80M	70.6	0.4	2	211m	Parallel CMOS
LTC2236	10-Bit, 25Msps Low Noise 3V ADCs	PRODUCTION	High Speed ADC	1	10	25M	61.8	0.1	2	75m	Parallel CMOS
LTC2237	10-Bit, 40Msps Low Noise 3V ADCs	PRODUCTION	High Speed ADC	1	10	40M	61.8	0.1	2	120m	Parallel CMOS
LTC2238	10-Bit, 65Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	1	10	65M	61.8	0.1	2	205m	Parallel CMOS
LTC2239	10-Bit, 80Msps Low Noise 3V ADC	PRODUCTION	High Speed ADC	1	10	80M	61.6	0.1	2	211m	Parallel CMOS
LTC2249	14-Bit, 80Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	1	14	80M	73	1	2	222m	Parallel CMOS
LTC2225	12-Bit, 10Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	1	12	10M	71.3	0.3	2	60m	Parallel
LTC2245	14-Bit, 10Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	1	14	10M	74.4	1	2	60m	Parallel
AD9224	12-Bit 40 MSPS Monolithic A/D Converter	PRODUCTION	High Speed ADC	1	12	40M	69.1	1.5	4	450m	Parallel
AD9225	12-Bit , 25 MSPS Monolithic A/D Converter	PRODUCTION	High Speed ADC	1	12	25M	71	1	4	383m	Parallel
AD9240	Complete 14-Bit, 10 MSPS Monolithic A/D Converter	PRODUCTION	High Speed ADC	1	14	10M	78.5	2.5	5	330m	Parallel
AD9280	8-Bit, Complete, 32 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	8	32M	49	0.3	2	110m	Parallel

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9288-100	8-Bit, 40/80/100 MSPS Dual A/D Converter	PRODUCTION	High Speed ADC	2	8	100M	47.5	0.5	1.024	180m	Parallel
AD9288-40	8-Bit, 40/80/100 MSPS Dual A/D Converter	PRODUCTION	High Speed ADC	2	8	40M	47.5	0.5	1.024	156m	Parallel
AD9288-80	8-Bit, 40/80/100 MSPS Dual A/D Converter	PRODUCTION	High Speed ADC	2	8	80M	47.5	0.5	1.024	171m	Parallel
AD9051	10-Bit, 60 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	10	60M	55.5	0.75	2	315m	Parallel
AD9200	10-Bit, 20 MSPS, 80 mW CMOS A/D Converter	PRODUCTION	High Speed ADC	1	10	20M	57	0.75	2	100m	Parallel
AD9220	Complete 12-Bit, 10.0 MSPS Monolithic A/D Converter	PRODUCTION	High Speed ADC	1	12	10M	70.2	0.5	5	310m	Parallel
LTC2226	12-Bit, 25Msps Low Power 3V ADC	PRODUCTION	High Speed ADC	1	12	25M	71.4	0.3	2	75m	Parallel CMOS
LTC2226H	12-Bit, 25Msps 125°C ADC in LQFP	PRODUCTION	High Speed ADC	1	12	25M	71.4	0.3	2	75m	Parallel CMOS
LTC2227	12-Bit, 40Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	1	12	40M	71.4	0.3	2	120m	Parallel CMOS
LTC2228	12-Bit, 65Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	1	12	65M	71.3	0.3	2	205m	Parallel CMOS
LTC2246	14-Bit, 25Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	1	14	25M	74.5	1	2	75m	Parallel CMOS
LTC2246H	14-Bit, 25Msps 125°C ADC In LQFP	PRODUCTION	High Speed ADC	1	14	25M	74.5	1	2	75m	Parallel CMOS
LTC2247	14-Bit, 40Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	1	14	40M	74.4	1	2	120m	Parallel CMOS
LTC2248	14-Bit, 65Msps Low Power 3V ADCs	PRODUCTION	High Speed ADC	1	14	65M	74.3	1	2	205m	Parallel CMOS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9201	Dual Channel 20 MHz 10-Bit Resolution CMOS ADC	PRODUCTION	High Speed ADC	2	10	20M	57.8	1.2	1.5	245m	Parallel
AD9281	Dual Channel 8-Bit Resolution CMOS ADC	PRODUCTION	High Speed ADC	2	8	28M	49.2	0.25	1.5	260m	Parallel
LTC2224	12-Bit, 135Msps ADC	PRODUCTION	High Speed ADC	1	12	135M	67.3	0.4	2	630m	Parallel CMOS
LTC2234	10-Bit, 135Msps ADC	PRODUCTION	High Speed ADC	1	10	135M	61.2	0.2	2	630m	Parallel CMOS
LTC2222	12-Bit, 105Msps ADCs	PRODUCTION	High Speed ADC	1	12	105M	63.5	0.3	2	475m	Parallel CMOS
LTC2223	12-Bit, 80Msps ADCs	PRODUCTION	High Speed ADC	1	12	80M	63.6	0.3	2	366m	Parallel CMOS
LTC2232	10-Bit, 105Msps ADCs	PRODUCTION	High Speed ADC	1	10	105M	61.3	0.15	2	475m	Parallel CMOS
LTC2233	10-Bit, 80Msps ADCs	PRODUCTION	High Speed ADC	1	10	80M	61.3	0.15	2	366m	Parallel CMOS
AD876	10-Bit 20 MSPS 160 mW CMOS A/D Converter	PRODUCTION	High Speed ADC	1	10	20M	-	1	2	190m	Parallel
LTC1749	12-Bit, 80Msps Wide Bandwidth ADC	PRODUCTION	High Speed ADC	1	12	80M	71.8	0.4	2.25	1.45	Parallel CMOS
LTC1750	14-Bit, 80Msps Wide Bandwidth ADC	PRODUCTION	High Speed ADC	1	14	80M	75.5	0.75	2.25	1.45	Parallel CMOS
MAX1127	Quad, 12-Bit, 65Msps, 1.8V ADC with Serial LVDS Outputs	PRODUCTION	High Speed ADC	4	12	65M	69.6	0.4	-	-	LVDS, Serial
MAX1126	Quad, 12-Bit, 40Msps, 1.8V ADC with Serial LVDS Outputs	PRODUCTION	High Speed ADC	4	12	40M	69.2	0.4	-	-	LVDS, Serial

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
MAX1123	1.8V, 10-Bit, 210Msps Analog-to-Digital Converter with LVDS Outputs for Wideband Applications	PRODUCTION	High Speed ADC	1	10	210M	57	0.4	-	-	µP/10, LVDS
MAX1124	1.8V, 10-Bit, 250Msps Analog-to-Digital Converter with LVDS Outputs for Wideband Applications	PRODUCTION	High Speed ADC	1	10	250M	56.3	0.8	-	-	µP/10, LVDS
LTC1741	12-Bit, 65Msps Low Noise ADC	PRODUCTION	High Speed ADC	1	12	65M	72	0.4	3.2	1.275	Parallel CMOS
LTC1742	14-Bit, 65Msps Low Noise ADC	PRODUCTION	High Speed ADC	1	14	65M	72.8	0.75	3.2	1.275	Parallel CMOS
LTC1748	14-Bit, 80Msps Low Noise ADC	PRODUCTION	High Speed ADC	1	14	80M	72.6	0.75	3.2	1.4	Parallel CMOS
MAX1192	Ultra-Low-Power, 22Msps, Dual 8-Bit ADC	PRODUCTION	High Speed ADC	2	8	22M	48.6	0.15	2.048	-	µP/10
MAX1191	Ultra-Low-Power, 7.5Msps, Dual, 8-Bit ADC	PRODUCTION	High Speed ADC	2	8	7.5M	48.7	0.15	2.048	-	µP/10
MAX1193	Ultra-Low-Power, 45Msps, Dual 8-Bit ADC	PRODUCTION	High Speed ADC	2	8	45M	48.5	0.16	2.048	-	µP/10
LTC1745	Low Noise,12-Bit, 25Msps ADC	PRODUCTION	High Speed ADC	1	12	25M	72.5	0.4	3.2	380m	Parallel CMOS
LTC1746	Low Power,14-Bit, 25Msps ADC	PRODUCTION	High Speed ADC	1	14	25M	74	1	3.2	390m	Parallel CMOS
LTC1743	12-Bit, 50Msps ADC	PRODUCTION	High Speed ADC	1	12	50M	72.5	0.4	3.2	1	Parallel CMOS
LTC1747	12-Bit, 80Msps Low Noise ADC	PRODUCTION	High Speed ADC	1	12	80M	72	0.4	3.2	1.4	Parallel CMOS
MAX1190	Dual 10-Bit, 120Msps, 3.3V, Low-Power ADC with Internal Reference and Parallel Outputs	PRODUCTION	High Speed ADC	2	10	120M	58.5	3	2.048	-	µP/10

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
MAX1198	Dual, 8-Bit, 100Msps, 3.3V, Low-Power ADC with Internal Reference and Parallel Outputs	PRODUCTION	High Speed ADC	2	8	100M	48.3	0.3	2.048	-	µP/10
MAX1195	Dual, 8-Bit, 40Msps, 3V, Low-Power ADC with Internal Reference and Parallel Outputs	PRODUCTION	High Speed ADC	2	8	40M	48.6	0.3	2.048	-	µP/10
LTC1744	14-Bit, 50Msps ADC	PRODUCTION	High Speed ADC	1	14	50M	73.5	1	3.2	1.2	Parallel CMOS
MAX1186	Dual 10-Bit, 40Msps, 3V, Low-Power ADC with Internal Reference and Multiplexed Parallel Outputs	PRODUCTION	High Speed ADC	2	10	40M	59.4	1.7	2.048	-	µP/10
MAX1183	Dual 10-Bit, 40Msps, 3V, Low-Power ADC with Internal Reference and Parallel Outputs	PRODUCTION	High Speed ADC	2	10	40M	59.6	1.5	2.048	-	µP/10
MAX1184	Dual 10-Bit, 20Msps, +3V, Low-Power ADC with Internal Reference and Parallel Outputs	PRODUCTION	High Speed ADC	2	10	20M	59.5	1.5	2.048	-	µP/10
MAX1185	Dual 10-Bit, 20Msps, +3V, Low-Power ADC with Internal Reference and Multiplexed Parallel Outputs	PRODUCTION	High Speed ADC	2	10	20M	59.5	1.5	2.048	-	µP/10
MAX1181	Dual 10-Bit, 80Msps, 3V, Low-Power ADC with Internal Reference and Parallel Outputs	PRODUCTION	High Speed ADC	2	10	80M	59	2.2	2.048	-	µP/10
MAX1182	Dual 10-Bit, 65Msps, +3V, Low-Power ADC with Internal Reference and Parallel Outputs	PRODUCTION	High Speed ADC	2	10	65M	59	1.9	2.048	-	µP/10
MAX1180	Dual 10-Bit, 105Msps, 3.3V, Low-Power ADC with Internal Reference and Parallel Outputs	PRODUCTION	High Speed ADC	2	10	105M	58.5	2.5	2.048	-	µP/10

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
MAX105	Dual, 6-Bit, 800Msps ADC with On-Chip, Wideband Input Amplifier	PRODUCTION	High Speed ADC	2	6	800M	37	0.2	0.8	-	µP/8, Demuxed, LVPECL
MAX1420	12-Bit, 60Msps, +3.3V, Low-Power ADC with Internal Reference	PRODUCTION	High Speed ADC	1	12	60M	66	2	-	-	µP/12
MAX1421	12-Bit, 40Msps, 3.3V, Low-Power ADC with Internal Reference	PRODUCTION	High Speed ADC	1	12	40M	66	2	-	-	µP/12
MAX1422	12-Bit, 20Msps, +3.3V, Low-Power ADC with Internal Reference	PRODUCTION	High Speed ADC	1	12	20M	67	2	-	-	µP/12
MAX1448	10-Bit, 80Msps, Single 3.0V, Low-Power ADC with Internal Reference	PRODUCTION	High Speed ADC	1	10	80M	58.5	0.7	2.048	-	µP/10
MAX1444	10-Bit, 40Msps, 3.0V, Low-Power ADC with Internal Reference	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	10	40M	59.5	0.6	2.048	-	µP/10
MAX1449	10-Bit, 105Msps, Single +3.3V, Low-Power ADC with Internal Reference	PRODUCTION	High Speed ADC	1	10	105M	58.5	0.75	2.048	-	µP/10
MAX1446	10-Bit, 60Msps, 3.0V, Low-Power ADC with Internal Reference	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	1	10	60M	59.5	0.6	2.048	-	µP/10
MAX1426	10-Bit, 10Msps ADC	PRODUCTION	High Speed ADC	1	10	10M	61	1.5	-	-	µP/10
LTC1420	12-Bit, 10Msps, Sampling ADC	PRODUCTION	High Speed ADC	1	12	10M	71.4	0.35	4.096	250m	Parallel
LTC1406	Low Power, 8-Bit, 20Msps, Sampling A/D Converter	PRODUCTION	High Speed ADC	1	8	20M	48.5	0.5	2	150m	Parallel CMOS
MAX1003	Low-Power, 90Msps, Dual 6-Bit ADC	PRODUCTION	High Speed ADC	2	6	90M	-	0.25	-	-	-
AD6677	-	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	1	11	250M	66.6	0.3	1.75	500m	JESD204B, Serial LVDS

	Description	Product Lifecycle	Converter Primary Function	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	INL in LSB typ	Vin Range typ	Power typ	Data Output Interface
AD9094	8-Bit, 1 GSPS, JESD204B, Quad Analog-to-Digital Converter	RECOMMENDED FOR NEW DESIGNS	High Speed ADC	4	8	1G	49.2	-	1.44	1.6	JESD204B
HMCAD1520	High Speed Multi-Mode 8/12/14-Bit 1000/640/105 MSPS A/D Converter	PRODUCTION	High Speed ADC	1	12	640M	70	0.6	2	490m	Serial LVDS

Integrated/Special Purpose A/D Converters

Parts	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
MAX31732	Four-Channel Remote Temperature Sensor	RECOMMENDED FOR NEW DESIGNS	Temperature Data Logger, Temperature Monitor, Temperature Sensor	4	12	-	I2C	-
ADAQ7769-1	High Input Impedance, Programmable Gain, 24-Bit, 1MSPS, Alias-Free µModule® DAQ Solution	PRE-RELEASE	Signal Chain Precision uModule Solutions	1	24	1.024M	SPI	ADC, Digital Filter, Integrated AAF, Integrated LDO, Integrated PGA, Internal Bypass Capacitance, Reference Buffer
ADE9103	Isolated, Sigma-Delta ADCs with SPI	RECOMMENDED FOR NEW DESIGNS	DC Energy Metering, Polyphase Energy Metering, Single Phase	3	-	-	SPI	-
ADE9112	Isolated, Sigma-Delta ADCs with SPI	RECOMMENDED FOR NEW DESIGNS	DC Energy Metering, Isolated ADC, Polyphase Energy Metering, Simultaneous Sampling, Single Phase	2	24	32k	Isolated SPI	ADC, Amplifier, iCoupler, Integrated LDO, isoPower, Reference
ADE9113	Isolated, Sigma-Delta ADCs with SPI	RECOMMENDED FOR NEW DESIGNS	DC Energy Metering, Polyphase Energy Metering, Single Phase	3	24	32k	Isolated SPI	ADC, Amplifier, iCoupler, Integrated LDO, isoPower, Reference
ADAQ7767-1	Flexible Resistive Input, Anti-Alias, 24-Bit, 1 MSPS, µModule DAQ Solution	RECOMMENDED FOR NEW DESIGNS	Signal Chain Precision uModule Solutions	1	24	1.024M	SPI	ADC, Digital Filter, Integrated AAF, Integrated LDO, Internal Bypass Capacitance, Reference Buffer
AD9084	Apollo MxFE Quad, 16-Bit, 28 GSPS RF DAC and Quad, 12-Bit, 20 GSPS RF ADC	PRE-RELEASE	-	4	-	20G	JESD204B, JESD204C	Digital Filter, Digital Up-Converter (DUC), RF DAC
AD9088	Apollo MxFE Octal, 16-Bit, 16 GSPS RF DAC and Octal, 12-Bit, 8 GSPS RF ADC	PRE-RELEASE	-	8	-	8G	JESD204B, JESD204C	Digital Filter, Digital Up-Converter (DUC), RF DAC
ADAQ7768-1	24-Bit Single Channel Precision µModule Data Acquisition System	RECOMMENDED FOR NEW DESIGNS	Signal Chain Precision uModule Solutions	1	24	1.024M	SPI	ADC, Integrated AAF, Integrated LDO, Integrated PGIA, Internal Bypass Capacitance, Reference Buffer

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
AD74115	Single-Channel, Software Configurable Input and Output	RECOMMENDED FOR NEW DESIGNS	Configurable Input/Output	-	16	9.6k	OWSI (PPC), SPI	ADC, DAC, Reference, Temp Sensor
ADAU1861	Three ADCs, One DAC, Low Power Codec with Audio DSPs	RECOMMENDED FOR NEW DESIGNS	Active Noise Cancellation	3	24	768k	I²S, PDM, TDM	ADC, DAC, Integrated Amplifier, Integrated PGA, LDO, PLL, Power Management, Reference
AD74115H	Single-Channel, Software Configurable Input and Output with HART Modem	RECOMMENDED FOR NEW DESIGNS	Configurable Input/Output	1	16	9.6k	OWSI (PPC), SPI	ADC, DAC, HART modem, Reference, Temp Sensor
ADAQ8092	14-Bit, 105 MSPS, µModule	RECOMMENDED FOR NEW DESIGNS	Signal Chain Precision uModule Solutions	2	14	105M	CMOS, DDR CMOS, LVDS	ADC, Integrated Amplifier, Reference, Reference Buffer
ADE9430	High Performance, Polyphase Energy, and Class S Power Quality Monitoring IC	RECOMMENDED FOR NEW DESIGNS	Power Quality Monitoring	-	-	-	CF Pulses, SPI	ADC, Digital Filter, Integrated PGA, Reference, Temp Sensor
MAX2087	8-Channel, High-Performance, Low-Power Fully-Integrated Ultrasound Transceiver with 5-Level Pulser and T/R Switch	RECOMMENDED FOR NEW DESIGNS	Ultrasound AFE	8	14	-	-	-
ADAQ23876	16-Bit, 15 MSPS, µModule Data Acquisition Solution	RECOMMENDED FOR NEW DESIGNS	Signal Chain Precision uModule Solutions	1	16	15M	LVDS	ADC, Integrated Amplifier, Internal Bypass Capacitance, Reference, Reference Buffer
MAX2087J	8-Channel, High-Performance, Low-Power Fully-Integrated Ultrasound Transceiver with 5-Level Pulser and JESD204b Outputs	RECOMMENDED FOR NEW DESIGNS	Ultrasound AFE	8	14	-	-	-
ADAQ23878	18-Bit, 15 MSPS, µModule Data Acquisition Solution	RECOMMENDED FOR NEW DESIGNS	Signal Chain Precision uModule Solutions	1	18	15M	LVDS	ADC, Integrated Amplifier, Internal Bypass Capacitance, Reference, Reference Buffer
MAX31888	±0.25°C Accurate 1-Wire Temperature Sensor	PRODUCTION	Temperature Sensor	1	16	-	1-Wire	ADC, Temp Sensor
ADAU1860	Three ADCs, One DAC, Low Power Codec with Audio DSPs	RECOMMENDED FOR NEW DESIGNS	Active Noise Cancellation	3	24	768k	I²S, PDM, TDM	ADC, DAC, DSP, Integrated PGA, LDO, PLL, Power Management, Reference

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
LTM2985	Isolated High Accuracy Digital Temperature Measurement System with EEPROM	RECOMMENDED FOR NEW DESIGNS	Digital Temperature Measurement System	10	24	-	SPI	-
ADAS1021	5-Channel ECG AFE with Respiration, Pacemaker Detection and Lead-Off/Quality Detection	RECOMMENDED FOR NEW DESIGNS	Electrocardiogram AFE	5	-	-	SPI	ADC, Amplifier, DAC, Reference
MAX31827	Low-Power Temperature Switch with I2C Interface	RECOMMENDED FOR NEW DESIGNS	Temperature Sensor, Temperature Switch	1	12	-	I2C	-
MAX31828	Low-Power Temperature Switch with I2C Interface	RECOMMENDED FOR NEW DESIGNS	Temperature Sensor, Temperature Switch	1	-	-	I2C	-
MAX31829	Low-Power Temperature Switch with I2C Interface	RECOMMENDED FOR NEW DESIGNS	Temperature Sensor, Temperature Switch	1	-	-	I2C	-
ADAU1850	Three ADCs, One DAC, Low Power Codec with Audio/FastDSP	RECOMMENDED FOR NEW DESIGNS	Active Noise Cancellation	3	24	768k	I²S, TDM	ADC, DAC, DSP, Integrated PGA, Reference
ADE9322B	mSure Enabled Sigma-Delta ADCs	NOT RECOMMENDED FOR NEW DESIGNS	Polyphase, Polyphase Energy Monitoring IC	-	-	-	SPI, UART	ADC, DSP, Integrated PGA, Reference, Temp Sensor
ADAQ4001	16-Bit, 2 MSPS, µModule Data Acquisition Solution	RECOMMENDED FOR NEW DESIGNS	Signal Chain Precision uModule Solutions	1	16	2M	SPI	ADC, Integrated Amplifier
MAX22530	Field-Side Self-Powered, 4-Channel, 12-bit, Isolated ADC	RECOMMENDED FOR NEW DESIGNS	Isolated ADC	4	12	20k	Isolated SPI	-
MAX22531	Field-Side Self-Powered, 4-Channel, 12-bit, Isolated ADC	RECOMMENDED FOR NEW DESIGNS	Isolated ADC	4	12	20k	Isolated SPI	-
MAX22532	Field-Side Self-Powered, 4-Channel, 12-bit, Isolated ADC	RECOMMENDED FOR NEW DESIGNS	Isolated ADC	4	12	20k	Isolated SPI	-
MAX2086	8-Channel, High-Performance, Low-Power Fully-Integrated Ultrasound Transceiver with 3-Level Pulser and T/R Switch	RECOMMENDED FOR NEW DESIGNS	Ultrasound AFE	8	14	-	-	-

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
AD9081	MxFE™ Quad, 16-Bit, 12GSPS RFDAC and Quad, 12-Bit, 4GSPS RFADC	RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End	4	16	4G	JESD204B, JESD204C	ADC, Buffer, DAC, Digital Down-Converter (DDC), PLL, Reference
MAX98050	Low-power, High-Performance Audio CODEC	PRODUCTION	Audio Codec	2	32	192k	Audio, I2C, I²S, PCM/TDM	ADC, DAC, Digital Filter, Integrated PGA, PLL, Speaker Amplifier
ADA4355	Programmable Transimpedance, Current to Bits Receiver µModule	RECOMMENDED FOR NEW DESIGNS	Current to Digital, Signal Chain uModule Receivers	1	14	125M	Serial LVDS	ADC, Amplifier, Anti-Aliasing Filter, Integrated TIA, Power Management, Reference
ADAQ23875	16-Bit, 15 MSPS, µModule Data Acquisition Solution	RECOMMENDED FOR NEW DESIGNS	Signal Chain Precision uModule Solutions	1	16	15M	LVDS	ADC, Integrated Amplifier, Internal Bypass Capacitance, Reference, Reference Buffer
ADAQ4003	18-Bit, 2 MSPS, µModule Data Acquisition Solution	RECOMMENDED FOR NEW DESIGNS	Signal Chain Precision uModule Solutions	1	18	2M	SPI	ADC, Integrated Amplifier
MAX2088	16-Channel, High-Performance, Low-Power, Fully-Integrated Ultrasound Receiver	RECOMMENDED FOR NEW DESIGNS	Ultrasound AFE	16	14	-	-	-
ADUM7704	16-Bit, Isolated, Sigma-Delta Modulator	RECOMMENDED FOR NEW DESIGNS	Isolated ADC, Sigma Delta Modulator	1	16	21M	Isolated Serial	ADC, iCoupler, Integrated PGA
ADUM7702	16-Bit, Isolated, Sigma-Delta Modulator	RECOMMENDED FOR NEW DESIGNS	Isolated ADC, Sigma Delta Modulator	1	16	21M	Isolated Serial	ADC, iCoupler, Integrated PGA, Reference
AD9082	MxFE Quad, 16-Bit, 12 GSPS RF DAC and Dual, 12-Bit, 6 GSPS RF ADC	RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End	2	12	6G	JESD204B, JESD204C	ADC, Buffer, DAC, Digital Down-Converter (DDC), PLL, Reference
MAX31825	1-Wire® Temperature Sensor with ±1ºC Accuracy	RECOMMENDED FOR NEW DESIGNS	Temperature Sensor	1	12	-	1-Wire	ADC, Temp Sensor
MAX31889	±0.25°C Accurate I2C Temperature Sensor	PRODUCTION	Temperature Sensor	1	16	-	I2C	ADC, Temp Sensor
ADT7422	±0.1°C Accuracy, 16-Bit, Digital I2C Temperature Sensor for VSM Applications	RECOMMENDED FOR NEW DESIGNS	Temperature Sensor	1	16	-	I2C	ADC, Reference, Temp Sensor

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
ADE1201	Single Channel, Configurable, Isolated Digital Input	RECOMMENDED FOR NEW DESIGNS	Isolated ADC, Isolated Binary Input	1	8	100k	Isolated SPI	ADC, iCoupler, Integrated PGA, isoPower, Reference
ADE1202	Dual Channel, Configurable, Isolated Digital Input	RECOMMENDED FOR NEW DESIGNS	Isolated ADC, Isolated Binary Input	2	8	100k	Isolated SPI	ADC, iCoupler, Integrated PGA, isoPower, Reference
AD74413R	Quad-Channel, Software Configurable Input and Output	RECOMMENDED FOR NEW DESIGNS	Configurable Input/Output	4	16	4.8k	SPI	ADC, DAC, Reference, Temp Sensor
AD74412R	Quad-Channel, Software Configurable Input/Output	RECOMMENDED FOR NEW DESIGNS	Configurable Input/Output	4	16	4.8k	SPI	ADC, DAC, Reference, Temp Sensor
AD5941	High Precision, Impedance & Electrochemical Front End	RECOMMENDED FOR NEW DESIGNS	Electrochemical AFE	1	12	1.6M	SPI	ADC, Buffer, DAC, Integrated Amplifier, Integrated PGA, Integrated TIA, Reference
ADAU1788	Two ADCs, One DAC, Low Power Codec with Audio DSPs	RECOMMENDED FOR NEW DESIGNS	Active Noise Cancellation	2	24	768k	I²S, TDM	ADC, DAC, DSP, Integrated PGA, Reference
ADAU7112	Stereo PDM to I2S/TDM Converter	RECOMMENDED FOR NEW DESIGNS	Stereo PDM to I2S/TDM Converter	2	24	96k	I²S, TDM	Digital Filter
ADUM7703	16-Bit, Isolated, Sigma-Delta ADC	RECOMMENDED FOR NEW DESIGNS	Isolated ADC, Sigma Delta Modulator	1	16	21M	Isolated Serial	ADC, iCoupler, Integrated PGA, Reference
ADAU7118	8 Channel, PDM to I2S/TDM Converter	RECOMMENDED FOR NEW DESIGNS	Audio A/D Converters	8	24	192k	I²S, TDM	Digital Filter
ADUM7701	16-Bit, Isolated Sigma-Delta Modulator	RECOMMENDED FOR NEW DESIGNS	Isolated ADC, Sigma Delta Modulator	1	16	21M	Isolated Serial	ADC, iCoupler, Integrated PGA, Reference
ADAU1787	Four ADC, Two DAC, Low Power Codec with Audio DSPs	RECOMMENDED FOR NEW DESIGNS	Active Noise Cancellation	16	24	768k	I²S, PDM, TDM	ADC, DAC, DSP, Integrated PGA, Reference
AD5940	High Precision, Impedance & Electrochemical Front End	RECOMMENDED FOR NEW DESIGNS	Electrochemical AFE	1	12	1.6M	SPI	ADC, Buffer, DAC, Integrated Amplifier, Integrated PGA, Integrated TIA, Reference
AD7768-1	DC to 204 kHz, Dynamic Signal Analysis, Precision 24-Bit ADC with Power Scaling	RECOMMENDED FOR NEW DESIGNS	Audio A/D Converters	1	24	1.024M	SPI	ADC, Buffer, Digital Filter

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
LTM2173-14	14-Bit, 80Msps Low Power Quad ADC	RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receivers	4	14	80M	Serial LVDS	ADC, Internal Bypass Capacitance, Reference
ADE9153A	Energy Metering IC with Autocalibration	RECOMMENDED FOR NEW DESIGNS	Single Phase Energy Metering IC	1	-	-	CF Pulses, SPI, UART	ADC, DSP, Integrated PGA, Reference, Temp Sensor
MAX2084	16-Channel, High-Performance, Low-Power, Fully-Integrated Ultrasound Receiver with T/R Switch	RECOMMENDED FOR NEW DESIGNS	Ultrasound AFE	16	14	-	-	-
MAX31875	Low-Power I2C Temperature Sensor in WLP Package	PRODUCTION	Temperature Sensor	1	12	-	I2C	ADC, Temp Sensor
ADE9153B	Energy Metering IC with Sensor Monitoring and Self-Calibration	NOT RECOMMENDED FOR NEW DESIGNS	Single Phase Energy Metering IC	1	-	-	CF Pulses, SPI, UART	ADC, DSP, Integrated PGA, Reference, Temp Sensor
AD6688	RF Diversity and 1.2GHz BW Observation Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	14	3G	JESD204B	ADC, Buffer, Digital Down-Converter (DDC), Reference
ADAQ7980	16-Bit, 1 MSPS, Integrated Data Acquisition Subsystem	RECOMMENDED FOR NEW DESIGNS	Signal Chain Precision uModule Solutions	1	16	1000k	SPI	ADC, Integrated Amplifier
ADAQ7988	16-bit, 500 kSPS, Integrated Data Acquisition System	RECOMMENDED FOR NEW DESIGNS	Signal Chain Precision uModule Solutions	1	16	500k	SPI	ADC, Integrated Amplifier
ADE9000	High Performance, Multiphase Energy, and Power Quality Measurement IC	PRODUCTION	Polyphase Energy Monitoring IC	7	-	-	CF Pulses, SPI	ADC, Digital Filter, Integrated PGA, Reference, Temp Sensor
MAX14001	Configurable, Isolated 10-bit ADCs for Multi-Range Binary Inputs	RECOMMENDED FOR NEW DESIGNS	Isolated ADC	1	10	10k	Isolated SPI	ADC, isoPower
MAX14002	Configurable, Isolated 10-bit ADCs for Multi-Range Binary Inputs	RECOMMENDED FOR NEW DESIGNS	Isolated ADC	1	10	10k	Isolated SPI	ADC, isoPower
ADAU1777	Four-ADC, Two-DAC, Low Power Codec with Audio Processor	PRODUCTION	Audio Codec	4	24	768k	I2C, SPI	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
AD6684	135 MHz Quad IF Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	4	14	500M	JESD204B	ADC, Buffer, Digital Down-Converter (DDC), Reference

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
ADE9078	High Performance Polyphase Energy Measurement IC	PRODUCTION	Polyphase Energy Monitoring IC	7	-	-	CF Pulses, SPI	ADC, Digital Filter, Integrated PGA, Reference, Temp Sensor
LTC2986	Multi-Sensor High Accuracy Digital Temperature Measurement System with EEPROM	RECOMMENDED FOR NEW DESIGNS	Digital Temperature Measurement System	10	24	-	SPI	ADC, Buffer, Reference, Temp Sensor
AD7293	12-Bit Power Amplifier Current Controller with ADC, DACs, Temperature and Current Sensors	RECOMMENDED FOR NEW DESIGNS	A/D & D/A Combo	4	12	-	SPI	ADC, Current Sense, DAC, Power Amp Controller, Reference, Temp Sensor
AD7768-4	4-Channel, 24-Bit, Simultaneous Sampling ADC, Power Scaling, 110.8 kHz BW	RECOMMENDED FOR NEW DESIGNS	Audio A/D Converters	4	24	256k	SPI	ADC, Buffer, Digital Filter
AD7768	8-Channel, 24-Bit, Simultaneous Sampling ADC, Power Scaling, 110.8 kHz BW	RECOMMENDED FOR NEW DESIGNS	Audio A/D Converters	8	24	256k	SPI	ADC, Buffer, Digital Filter
ADAS1134	128-Channel, 24-Bit Current-to-Digital ADC	RECOMMENDED FOR NEW DESIGNS	Current to Digital	128	24	22.6k	Serial LVDS	ADC, Current Intgrators, Temp Sensor
LTC2984	Multi-Sensor High Accuracy Digital Temperature Measurement System with EEPROM	RECOMMENDED FOR NEW DESIGNS	Digital Temperature Measurement System	20	24	-	SPI	ADC, Buffer, Reference, Temp Sensor
AD6679	135 MHz BW IF Diversity Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	14	500M	Serial LVDS	ADC, Buffer, Digital Down-Converter (DDC), Reference
MAX31856	Precision Thermocouple to Digital Converter with Linearization	PRODUCTION	Temperature Sensor	1	19	-	SPI	ADC, Temp Sensor
AD7402	16-Bit, Isolated Sigma-Delta Modulator	RECOMMENDED FOR NEW DESIGNS	Isolated ADC, Sigma Delta Modulator	1	16	10M	Isolated Serial	ADC, iCoupler, Reference
AD6674-1000	385 MHz BW IF Diversity Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	14	1G	JESD204B	ADC, Buffer, Digital Down-Converter (DDC), Reference
AD6674-500	385 MHz BW IF Diversity Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	14	500M	JESD204B	ADC, Buffer, Digital Down-Converter (DDC), Reference

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
AD6674-750	385 MHz BW IF Diversity Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	14	750M	JESD204B	ADC, Buffer, Digital Down-Converter (DDC), Reference
ADE7923	3-Channel, Sigma Delta ADC	PRODUCTION	Single Phase Energy Metering IC	1	-	-	HSDC, I2C, SPI	ADC, Reference
ADAU1372	Quad ADC, Dual DAC, Low Latency, Low Power Codec	PRODUCTION	Audio Codec	4	24	192k	I2C, SPI	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
LTC2983	Multi-Sensor High Accuracy Digital Temperature Measurement System	RECOMMENDED FOR NEW DESIGNS	Digital Temperature Measurement System	20	24	-	SPI	ADC, Buffer, Reference, Temp Sensor
AD6676	Wideband IF Receiver Subsystem	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	1	16	3.2G	JESD204B	ADC, Digital Down-Converter (DDC), Integrated Attenuator, PLL, Reference
AD7405	16-Bit, Isolated Sigma-Delta Modulator, LVDS Interface	RECOMMENDED FOR NEW DESIGNS	Isolated ADC, Sigma Delta Modulator	1	16	20M	Isolated Serial LVDS	ADC, iCoupler, Reference
ADE7854A	Polyphase Multifunction Energy Metering IC	PRODUCTION	Polyphase Energy Monitoring IC	6	-	-	CF Pulses, I2C, SPI	ADC, Digital Filter, Integrated PGA, Reference, Temp Sensor
ADE7858A	Polyphase Multifunction Energy Metering IC With Per Phase Active And Reactive Powers	PRODUCTION	Polyphase Energy Monitoring IC	6	-	-	CF Pulses, I2C, SPI	ADC, Digital Filter, Integrated PGA, Reference, Temp Sensor
ADE7868A	Polyphase Multifunction Energy Metering IC With Tamper Detection And Low Power Mode	PRODUCTION	Polyphase Energy Monitoring IC	6	-	-	CF Pulses, I2C, SPI	ADC, Digital Filter, Integrated PGA, Reference, Temp Sensor
ADE7878A	Polyphase Multifunction Energy Metering IC With Per Phase Active And Reactive Powers	PRODUCTION	Polyphase Energy Monitoring IC	6	-	-	CF Pulses, I2C, SPI	ADC, Digital Filter, Integrated PGA, Reference, Temp Sensor
ADAS1131	256-Channel, 24-Bit Current-to-Digital ADC Module	NOT RECOMMENDED FOR NEW DESIGNS	Current to Digital	256	24	19.7k	Serial LVDS	ADC, Current Intgrators, Temp Sensor
AD5592R	8-Channel, 12-Bit, Configurable ADC/DAC with On-Chip Reference, SPI Interface	PRODUCTION	A/D & D/A Combo	8	12	-	SPI	ADC, DAC, Reference, Temp Sensor

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
AD5593R	8-Channel, 12-Bit, Configurable ADC/DAC with On-Chip Reference, I2C Interface	PRODUCTION	A/D & D/A Combo	8	12	-	I2C	ADC, DAC, Reference, Temp Sensor
ADE7903	3-Channel Sigma-Delta ADC with SPI	PRODUCTION	Polyphase Energy Monitoring IC	-	-	-	SPI	-
AD7403-8	16-Bit, Isolated Sigma-Delta Modulator	RECOMMENDED FOR NEW DESIGNS	Isolated ADC, Sigma Delta Modulator	1	16	20M	Isolated Serial	ADC, iCoupler, Reference
MAX31629	I2C Digital Thermometer and Real-Time Clock	RECOMMENDED FOR NEW DESIGNS	Temperature Sensor	1	12	-	I2C	ADC, Temp Sensor
MAX31730	3-Channel Remote Temperature Sensor	PRODUCTION	Temperature Sensor	3	12	-	I2C	ADC, Temp Sensor
ADAU1979	Quad Analog-to-Digital Converter (ADC)	PRODUCTION	Audio A/D Converters	4	24	192k	I2C, SPI	ADC, Digital Filter, Reference
AD7294-2	12-Bit Monitor and Control System with Multichannel ADC, DACs, Temperature Sensor, and Current Sense	RECOMMENDED FOR NEW DESIGNS	A/D & D/A Combo	4	12	-	I2C	ADC, Current Sense, DAC, Reference, Supply Monitor, Temp Sensor
MAX31820	1-Wire Ambient Temperature Sensor	PRODUCTION	Temperature Sensor	1	12	-	1-Wire	ADC, Temp Sensor
MAX31820PAR	1-Wire Parasite-Power, Ambient Temperature Sensor	PRODUCTION	Temperature Sensor	1	12	-	1-Wire	ADC, Temp Sensor
MAX31850	Cold-Junction Compensated, 1-Wire Thermocouple-to-Digital Converters	PRODUCTION	Temperature Sensor	1	14	-	1-Wire	ADC, Temp Sensor
MAX98091	Ultra-Low Power Stereo Audio Codec	RECOMMENDED FOR NEW DESIGNS	Audio Codec	2	24	96k	Audio, I2C, I²S, PCM/TDM, SPI	ADC, DAC, Digital Filter, Integrated PGA, PLL, Speaker Amplifier
AD6673	80 MHz Bandwidth, Dual IF Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	11	250M	JESD204B	ADC, Reference
LTM9013	300MHz Wideband Receiver	LAST TIME BUY	Signal Chain uModule Receivers	2	14	310M	Parallel DDR LVDS	ADC, Anti-Aliasing Filter, I/Q Demodulators, Integrated Amplifier, Internal Bypass Capacitance, Reference

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
MAX98090	Ultra-Low Power Stereo Audio Codec	PRODUCTION	Audio Codec	2	24	96k	Audio, I2C, I²S, PCM/TDM, SPI	ADC, DAC, Digital Filter, Integrated PGA, PLL, Speaker Amplifier
ADAU7002	Stereo PDM-to-I2S or TDM Conversion IC	PRODUCTION	Audio A/D Converters	2	-	96k	I²S, TDM	ADC, Digital Filter
ADAU1978	Quad ADC (2V Input)	PRODUCTION	Audio A/D Converters	4	24	192k	I2C, SPI	ADC, Digital Filter, Reference
ADAS1256	256-Channel, 16-Bit Charge-to-Digital AFE on Flex	RECOMMENDED FOR NEW DESIGNS	Current to Digital	256	16	-	Serial LVDS, SPI	ADC, Current Intgrators, Temp Sensor
LTM9006-14	14-Bit, 25Msps Low Power Octal ADCs	PRODUCTION	Signal Chain uModule Receivers	8	14	25M	Serial LVDS	ADC, Internal Bypass Capacitance, Reference
LTM9007-14	14-Bit, 40Msps Low Power Octal ADCs	NOT RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receivers	8	14	40M	Serial LVDS	ADC, Internal Bypass Capacitance, Reference
LTM9008-14	14-Bit, 65Msps Low Power Octal ADCs	NOT RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receivers	8	14	65M	Serial LVDS	ADC, Internal Bypass Capacitance, Reference
ADAS1000-3	Low Power, 3-Electrode Electrocardiogram (ECG) Analog Front End	RECOMMENDED FOR NEW DESIGNS	Electrocardiogram AFE	3	18	-	SPI	ADC, DAC, Integrated Amplifier, Reference
ADAS1000-4	Low Power, 3-Electrode Electrocardiogram (ECG) Analog Front End with respiration measurement and pace detection	RECOMMENDED FOR NEW DESIGNS	Electrocardiogram AFE	3	18	-	SPI	ADC, DAC, Integrated Amplifier, Reference
MAX31725	±0.5°C Local Temperature Sensors	PRODUCTION	Temperature Sensor	1	16	-	I2C	ADC, Temp Sensor
MAX31726	±0.5°C Local Temperature Sensors	PRODUCTION	Temperature Sensor	1	16	-	I2C	ADC, Temp Sensor
MAX31865	RTD-to-Digital Converter	PRODUCTION	RTD Interface, Temperature Sensor	1	15	-	SPI	-

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
ADE7912	2-Channel, Isolated, Sigma Delta ADC with SPI	PRODUCTION	DC Energy Metering, Isolated ADC, Polyphase Energy Metering, Simultaneous Sampling, Single Phase	2	24	8k	Isolated SPI	ADC, iCoupler, Integrated LDO, isoPower, Reference
ADE7913	3-Channel, Isolated, Sigma Delta ADC with SPI	PRODUCTION	DC Energy Metering, Isolated ADC, Polyphase Energy Metering, Simultaneous Sampling, Single Phase	3	24	8k	Isolated SPI	ADC, iCoupler, Integrated LDO, isoPower, Reference
ADE7932	2-Channel, Isolated, Sigma Delta ADC	PRODUCTION	Polyphase Energy Monitoring IC	3	-	-	HSDC, I2C, SPI	ADC, isoPower, Reference
ADE7933	3-Channel, Isolated, Sigma Delta ADC	PRODUCTION	Polyphase Energy Monitoring IC	3	-	-	HSDC, I2C, SPI	ADC, isoPower, Reference
ADE7978	3-Phase Metrology IC for Polyphase Shunt Meters	PRODUCTION	Polyphase Energy Monitoring IC	3	-	-	CF Pulses, HSDC, I2C, SPI	ADC, Reference
ADAS1000-1	Low Power 5 electrode ECG Analog Front End	RECOMMENDED FOR NEW DESIGNS	Electrocardiogram AFE	5	18	-	SPI	ADC, DAC, Integrated Amplifier, Reference
ADAS1000-2	Low Power 5 electrode ECG Analog Front End Companion Chip	RECOMMENDED FOR NEW DESIGNS	Electrocardiogram AFE	5	18	-	SPI	ADC, DAC, Integrated Amplifier, Reference
ADAU1772	4 ADC, 2 DAC Low-Power Codec with Audio Processor	PRODUCTION	Audio Codec	4	24	192k	I2C, SPI	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
MAX31826	1-Wire Digital Temperature Sensor with 1Kb Lockable EEPROM	PRODUCTION	Temperature Sensor	1	12	-	1-Wire	ADC, Temp Sensor
LTM9012	Quad 14-Bit, 125Msps ADC with Integrated Drivers	NOT RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receivers	4	14	125M	Serial LVDS	ADC, Integrated Amplifier, Internal Bypass Capacitance, Reference
ADT7312	Automotive, ±1°C Accurate, 16-Bit, 175°C Digital SPI Temperature Sensor in Die Form	RECOMMENDED FOR NEW DESIGNS	Temperature Sensor	1	16	-	Digital, SPI	ADC, Temp Sensor

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
ADE7816	Six Current, One voltage Channel Energy Metering IC	PRODUCTION	Single Phase Energy Metering IC	1	-	-	HSDC, I2C, SPI	ADC, Digital Filter, Integrated PGA, Reference
ADAU1977	Quad ADC with Diagnostics (10V Input)	PRODUCTION	Audio A/D Converters	4	24	192k	I2C, SPI	ADC, Digital Filter, Reference
AD6657A	65MHz Bandwidth Quad IF Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	4	11	200M	Serial LVDS	ADC, Reference
ADT7311	Automotive, ±0.5°C Accurate, 16-Bit Digital SPI Temperature Sensor	RECOMMENDED FOR NEW DESIGNS	Temperature Sensor	1	16	-	Digital, SPI	ADC, Reference, Temp Sensor
ADE7880	Polyphase Multifunction Energy Metering IC with Harmonic Monitoring	PRODUCTION	Polyphase Energy Monitoring IC	6	-	-	CF Pulses, I2C, SPI	ADC, Digital Filter, Integrated PGA, Reference, Temp Sensor
AD6672	IF Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	1	11	250M	Serial LVDS	ADC, Reference
LTC2991	Octal I2C Voltage, Current, and Temperature Monitor	RECOMMENDED FOR NEW DESIGNS	Current Monitor, Temperature Monitor, Voltage Monitor	8	14	-	I2C	ADC, Current Sense, Reference, Supply Monitor, Temp Sensor
MAX98089	Low-Power, Stereo Audio Codec with FlexSound Technology	PRODUCTION	Audio Codec	2	24	96k	Audio, I2C, I²S	ADC, DAC, Digital Filter, Integrated PGA, PLL, Speaker Amplifier
LTM9009-14	14-Bit, 80Msps Low Power Octal ADCs	PRODUCTION	Signal Chain uModule Receivers	8	14	80M	Serial LVDS	ADC, Internal Bypass Capacitance, Reference
LTM9010-14	14-Bit, 105Msps Low Power Octal ADCs	PRODUCTION	Signal Chain uModule Receivers	8	14	105M	Serial LVDS	ADC, Internal Bypass Capacitance, Reference
LTM9011-14	14-Bit, 125Msps Low Power Octal ADCs	PRODUCTION	Signal Chain uModule Receivers	8	14	125M	Serial LVDS	ADC, Internal Bypass Capacitance, Reference
MAX31855	Cold-Junction Compensated Thermocouple-to-Digital Converter	PRODUCTION	Temperature Sensor, Thermocouple Interface	1	14	-	SPI	-
AD6641-500	250 MHz Bandwidth DPD Observation Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	1	12	500M	Parallel LVDS, SPI	ADC, Buffer, Reference
AD6643-200	Dual IF Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	11	200M	Serial LVDS	ADC, Reference

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
AD6643-250	Dual IF Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	11	250M	Serial LVDS	ADC, Reference
AD6649	IF Diversity Receiver	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	14	250M	Serial LVDS	ADC, Digital Down-Converter (DDC), Reference
ADAS1000	Low-Power, 5-Electrode Electrocardiogram (ECG) Analog Front End with respiration measurement and pace detection)	RECOMMENDED FOR NEW DESIGNS	Electrocardiogram AFE	5	18	-	SPI	ADC, DAC, Integrated Amplifier, Reference
AD652S	Aerospace Monolithic Synchronous Voltage-to-Frequency Converter	PRODUCTION	Voltage to Frequency	1	-	1M	-	-
MAX31722	Digital Thermometers and Thermostats with SPI/3-Wire Interface	PRODUCTION	Temperature Sensor	1	12	-	SPI	ADC, Temp Sensor
MAX31723	Digital Thermometers and Thermostats with SPI/3-Wire Interface	PRODUCTION	Temperature Sensor	1	12	-	SPI	ADC, Temp Sensor
ADAU1961	Automotive Stereo, Low Power, 96 kHz, 24-Bit Audio Codec with Integrated PLL	PRODUCTION	Audio Codec	2	24	96k	I2C	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
LTM9004-AA	14-Bit Direct Conversion Receiver Subsystem	LAST TIME BUY	Signal Chain uModule Receivers	1	14	125M	Parallel CMOS	ADC, Anti-Aliasing Filter, I/Q Demodulators, Integrated Amplifier, Internal Bypass Capacitance, Reference
LTM9004-AB	14-Bit Direct Conversion Receiver Subsystem	LAST TIME BUY	Signal Chain uModule Receivers	1	14	125M	Parallel CMOS	ADC, Anti-Aliasing Filter, I/Q Demodulators, Integrated Amplifier, Internal Bypass Capacitance, Reference
LTM9004-AC	14-Bit Direct Conversion Receiver Subsystem	LAST TIME BUY	Signal Chain uModule Receivers	1	14	125M	Parallel CMOS	ADC, Anti-Aliasing Filter, I/Q Demodulators, Integrated Amplifier, Internal Bypass Capacitance, Reference
LTM9004-AD	14-Bit Direct Conversion Receiver Subsystem	LAST TIME BUY	Signal Chain uModule Receivers	1	14	125M	Parallel CMOS	ADC, Anti-Aliasing Filter, I/Q Demodulators, Integrated Amplifier, Internal Bypass Capacitance, Reference

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
MAX6581	±1°C Accurate 8-Channel Temperature Sensor	PRODUCTION	Temperature Sensor	7	11	-	I2C	ADC, Temp Sensor
LTC2990	Quad I2C Voltage, Current and Temperature Monitor	RECOMMENDED FOR NEW DESIGNS	Current Monitor, Temperature Monitor, Voltage Monitor	4	14	-	SPI	ADC, Current Sense, Reference, Supply Monitor, Temp Sensor
MAX1358B	16-Bit, Data-Acquisition System with ADC, DACs, UPIOs, RTC, Voltage Monitors, and Temp Sensor	PRODUCTION	A/D & D/A Combo	2	16	-	SPI	ADC, DAC, Integrated PGA, Temp Sensor
ADE7953	Single Phase Multifunction Metering IC with Neutral Current Measurement	PRODUCTION	Single Phase Energy Metering IC	1	-	-	CF Pulses, I2C, SPI, UART	ADC, Digital Filter, Integrated PGA, Reference
MAX9880A	Low-Power, High-Performance, Dual I²S, Stereo Audio Codec	PRODUCTION	Audio Codec	2	18	96k	Audio, I2C, I²S, Serial	ADC, DAC, Digital Filter, Integrated PGA, PLL, Speaker Amplifier
AD9961	10-/12-Bit, Low Power, Broadband MxFE	RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End	2	10	200M	Parallel	ADC, Aux DAC, DAC, Reference, Temp Sensor
AD9963	10-/12-Bit, Low Power, Broadband MxFE	RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End	2	12	80M	Parallel	ADC, Aux DAC, DAC, Reference, Temp Sensor
ADT7320	±0.25°C Accurate, 16-Bit Digital SPI Temperature Sensor	RECOMMENDED FOR NEW DESIGNS	Temperature Sensor	1	16	-	Digital, SPI	ADC, Reference, Temp Sensor
ADT7420	±0.25°C Accurate, 16-Bit Digital I2C Temperature Sensor	RECOMMENDED FOR NEW DESIGNS	Temperature Sensor	1	16	-	Digital, I2C	ADC, Reference, Temp Sensor
ADAS1127	64-Channel, 24-Bit Current-to-Digital ADC	RECOMMENDED FOR NEW DESIGNS	Current to Digital	64	24	19.7k	Serial LVDS	ADC, Current Intgrators, Temp Sensor
ADAS1126	32-Channel, 24-Bit Current-to-Digital ADC	RECOMMENDED FOR NEW DESIGNS	Current to Digital	32	24	19.7k	Serial LVDS	ADC, Current Intgrators, Temp Sensor
ADAU1401A	SigmaDSP 28-/56-Bit Audio Processor with Two ADCs and Four DACs	PRODUCTION	Audio Codec	2	24	192k	I2C, SPI, Stand Alone	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
AD6642	Dual IF Receiver	PRODUCTION	IF/RF Receiver	2	11	200M	Parallel, Serial LVDS	ADC, Reference
LTM9001-GA	16-Bit, 25Msps IF/Baseband Receiver Subsystem	NOT RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receivers	1	16	25M	Parallel CMOS	ADC, Anti-Aliasing Filter, Integrated Amplifier, Internal Bypass Capacitance, Reference
LTM9003-AA	12-Bit Digital Pre-Distortion µModule Receiver Subsystem	LAST TIME BUY	Signal Chain uModule Receivers	1	12	250M	Parallel LVDS	ADC, Anti-Aliasing Filter, Bandpass Filter, Integrated Amplifier, Internal Bypass Capacitance, Mixer, Reference
LTM9003-AB	12-Bit Digital Pre-Distortion µModule Receiver Subsystem	LAST TIME BUY	Signal Chain uModule Receivers	1	12	250M	Parallel LVDS	ADC, Anti-Aliasing Filter, Bandpass Filter, Integrated Amplifier, Internal Bypass Capacitance, Mixer, Reference
MAX9867	Ultra-Low Power Stereo Audio Codec	PRODUCTION	Audio Codec	2	18	48k	Audio, I2C, I²S, Serial	ADC, DAC, Digital Filter, Integrated PGA, PLL, Speaker Amplifier
LTM9002-AA	14-Bit, 125Msps Dual-Channel IF/Baseband Receiver Subsystem	NOT RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receivers	2	14	125M	Parallel CMOS	ADC, Anti-Aliasing Filter, Integrated Amplifier, Reference
LTM9002-LA	14-Bit, 125Msps Dual-Channel IF/Baseband Receiver Subsystem	NOT RECOMMENDED FOR NEW DESIGNS	Signal Chain uModule Receivers	2	12	65M	Parallel CMOS	ADC, Anti-Aliasing Filter, Integrated Amplifier, Reference
LM75	Digital Temperature Sensor and Thermal Watchdog with 2-Wire Interface	PRODUCTION	Temperature Sensor	1	9	-	I2C	ADC, Temp Sensor
ADAS1128	128 Channel, 24-Bit Current to Digital ADC	PRODUCTION	Current to Digital	128	24	19.7k	Serial LVDS	ADC, Current Intgrators, Temp Sensor
ADT7310	±0.5°C Accurate, 16-Bit Digital SPI Temperature Sensor	PRODUCTION	Temperature Sensor	1	16	-	Digital, SPI	ADC, Reference, Temp Sensor
ADT7410	±0.5°C Accurate, 16-Bit Digital I2C Temperature Sensor	PRODUCTION	Temperature Sensor	1	16	-	Digital, I2C, SPI	ADC, Reference, Temp Sensor

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
MAX9860	16-Bit Mono Audio Voice Codec	PRODUCTION	Audio Codec	2	16	48k	Audio, I2C, I²S, Serial	ADC, DAC, Digital Filter, Integrated PGA, PLL, Speaker Amplifier
AD7156	Ultralow Power, 1.8 V, 3 mm × 3 mm, 2-Channel Capacitance Converter	PRODUCTION	Capacitance to Digital	2	12	100	I2C	ADC, Capacitance Sensor, Reference, Switch Matrix
ADAU1361	Stereo, Low Power, 96 kHz, 24-Bit Audio Codec with Integrated PLL	PRODUCTION	Audio Codec	2	24	96k	I2C	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
ADAU1761	SigmaDSP Stereo, Low Power, 96 kHz, 24-Bit Audio Codec with Integrated PLL	PRODUCTION	Audio Codec	2	24	96k	I2C, SPI	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
AD5590	16 Input/16 Output Analog I/O Port With Integrated Amplifiers	PRODUCTION	A/D & D/A Combo	16	12	1M	SPI	ADC, DAC, Integrated Amplifier, Reference
SSM2604	Low Power Audio Codec	PRODUCTION	Audio Codec	2	24	96k	I2C	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
AD2S1210-10	Variable Resolution, 10-Bit to 16-Bit R/D Converter with Reference Oscillator	PRODUCTION	Synchro to Digital Converter	1	10	-	Parallel, Serial	ADC, DAC, Reference
AD2S1210-12	Variable Resolution, 10-Bit to 16-Bit R/D Converter with Reference Oscillator	PRODUCTION	Synchro to Digital Converter	1	12	-	Parallel, Serial	ADC, DAC, Reference
AD2S1210-14	Variable Resolution, 10-Bit to 16-Bit R/D Converter with Reference Oscillator	PRODUCTION	Synchro to Digital Converter	1	14	-	Parallel, Serial	ADC, DAC, Reference
AD2s1210-16	Variable Resolution, 10-Bit to 16-Bit R/D Converter with Reference Oscillator	PRODUCTION	Synchro to Digital Converter	1	16	-	Parallel, Serial	ADC, DAC, Reference
AD7879	Low Voltage Controller for Touch Screens	PRODUCTION	Touch Screen Controller	2	12	105k	I2C, SPI	ADC, Switch Matrix, Temp Sensor
MAX6694	5-Channel Precision Temperature Monitor with Beta Compensation	PRODUCTION	Temperature Sensor	4	11	-	I2C	ADC, Temp Sensor
MAX6693	7-Channel Precision Temperature Monitor with Beta Compensation	PRODUCTION	Temperature Sensor	6	11	-	I2C	ADC, Temp Sensor

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
SSM2603	Low Power Audio Codec	PRODUCTION	Audio Codec	2	24	96k	I2C	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
TMP05	±0.5°C Accurate PWM Temperature Sensor in 5-Lead SC-70	PRODUCTION	Temperature Sensor	1	12	-	Digital, PWM	ADC, Reference, Temp Sensor
TMP06	±0.5°C Accurate PWM Temperature Sensor in 5-Lead SC-70	PRODUCTION	Temperature Sensor	1	12	-	Digital, PWM	ADC, Reference, Temp Sensor
AD6655-105	IF Diversity Receiver	PRODUCTION	IF/RF Receiver	2	14	105M	Parallel CMOS, Parallel LVDS	ADC, Digital Down-Converter (DDC), Reference
AD6655-125	IF Diversity Receiver	PRODUCTION	IF/RF Receiver	2	14	125M	Parallel CMOS, Parallel LVDS	ADC, Digital Down-Converter (DDC), Reference
AD6655-150	IF Diversity Receiver	PRODUCTION	IF/RF Receiver	2	14	150M	Parallel CMOS, Parallel LVDS	ADC, Digital Down-Converter (DDC), Reference
AD6655-80	IF Diversity Receiver	PRODUCTION	IF/RF Receiver	2	14	80M	Parallel CMOS, Parallel LVDS	ADC, Digital Down-Converter (DDC), Reference
AD7294	12-Bit Monitor and Control System with Multichannel ADC, DACs, Temperature Sensor, and Current Sense	NOT RECOMMENDED FOR NEW DESIGNS	A/D & D/A Combo	4	12	200k	I2C	ADC, Current Sense, DAC, Reference, Supply Monitor, Temp Sensor
AD7400	Isolated Sigma-Delta Modulator	PRODUCTION	Isolated ADC, Sigma Delta Modulator	1	16	10M	Isolated Serial	ADC, iCoupler, Reference
AD7400A	Isolated Sigma-Delta Modulator	PRODUCTION	Isolated ADC, Sigma Delta Modulator	1	16	10M	Isolated Serial	ADC, iCoupler, Reference
AD7401	Isolated Sigma-Delta Modulator	PRODUCTION	Isolated ADC, Sigma Delta Modulator	1	16	20M	Isolated Serial	ADC, iCoupler, Reference
AD7401A	Isolated Sigma-Delta Modulator	PRODUCTION	Isolated ADC, Sigma Delta Modulator	1	16	20M	Isolated Serial	ADC, iCoupler, Reference

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
AD7745	24-bit, 1 Channel Capacitance to Digital Converter	PRODUCTION	Capacitance to Digital	1	24	-	I2C	ADC, Capacitance Sensor, Reference, Switch Matrix, Temp Sensor
AD7746	24-bit, 2 Channel Capacitance to Digital Converter	PRODUCTION	Capacitance to Digital	2	24	-	I2C	ADC, Capacitance Sensor, Reference, Switch Matrix, Temp Sensor
AD7747	24-Bit Capacitance-to-Digital Converter with Temperature Sensor	PRODUCTION	Capacitance to Digital	1	24	-	I2C	ADC, Capacitance Sensor, Reference, Switch Matrix, Temp Sensor
AD9868	Broadband Modem Mixed-Signal Front End	PRODUCTION	Mixed Signal Front End	1	10	80M	SPI	ADC, Anti-Aliasing Filter, DAC, Integrated PGA, Reference
DS7505	High-Precision Digital Thermometer and Thermostat	PRODUCTION	Temperature Sensor	1	12	-	I2C	ADC, Temp Sensor
LTM9001-AA	16-Bit IF/Baseband Receiver Subsystem	PRODUCTION	Signal Chain uModule Receivers	1	16	130M	Parallel CMOS, Parallel LVDS	ADC, Anti-Aliasing Filter, Integrated Amplifier, Internal Bypass Capacitance, Reference
LTM9001-AD	16-Bit IF/Baseband Receiver Subsystem	PRODUCTION	Signal Chain uModule Receivers	1	16	130M	Parallel CMOS, Parallel LVDS	ADC, Anti-Aliasing Filter, Integrated Amplifier, Internal Bypass Capacitance, Reference
LTM9001-BA	16-Bit IF/Baseband Receiver Subsystem	PRODUCTION	Signal Chain uModule Receivers	1	16	160M	Parallel CMOS, Parallel LVDS	ADC, Anti-Aliasing Filter, Integrated Amplifier, Internal Bypass Capacitance, Reference
MAX6622	5-Channel Precision Temperature Monitor	PRODUCTION	Temperature Sensor	4	11	-	I2C	ADC, Temp Sensor
MAX6636	7-Channel Precision Temperature Monitor	PRODUCTION	Temperature Sensor	6	11	-	I2C	ADC, Temp Sensor
AD7147	CapTouch™ Programmable Controller for Single-Electrode Capacitance Sensors	PRODUCTION	Capacitance to Digital	13	16	-	I2C, SPI	ADC, Capacitance Sensor, Reference, Switch Matrix

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
AD7150	Ultra-Low Power, 2-Channel, Capacitance Converter for Proximity Sensing	PRODUCTION	Capacitance to Digital	2	12	-	I2C	ADC, Capacitance Sensor, Reference, Switch Matrix
AD7142	Programmable Controller for Capacitance Touch Sensors	PRODUCTION	Capacitance to Digital	14	16	250k	I2C, SPI	ADC, Capacitance Sensor, Reference, Switch Matrix
AD7151	Ultra-Low Power, 1-Channel, Capacitance Converter for Proximity Sensing	PRODUCTION	Capacitance to Digital	1	12	-	I2C	ADC, Capacitance Sensor, Reference, Switch Matrix
AD7415	±0.5°C Accurate, 10-Bit Digital Temperature Sensors in SOT-23	PRODUCTION	Temperature Sensor	1	10	-	Digital, I2C	ADC, Reference, Temp Sensor
AD7843	Touch Screen Digitizer	PRODUCTION	Touch Screen Controller	4	12	125k	Serial	ADC, Switch Matrix
AD7873	Touch Screen Digitizer	PRODUCTION	Touch Screen Controller	6	12	125k	SPORT	ADC, Reference, Switch Matrix, Temp Sensor
AD7877	Touch Screen Controller	PRODUCTION	Touch Screen Controller	5	12	125k	Serial	ADC, Reference, Switch Matrix, Temp Sensor
ADAU1701	SigmaDSP® 28/56-Bit Audio Processor with Two ADCs and Four DACs	PRODUCTION	Audio Codec	2	24	192k	I2C, SPI, Stand Alone	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
ADAU1702	SigmaDSP® 28-/56-Bit Audio Processor with Two ADCs and Four DACs	PRODUCTION	Audio Codec	2	24	192k	I2C	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
ADAV801	Audio Codec for Recordable DVD	LAST TIME BUY	Audio Codec	2	24	96k	Serial	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
ADAV803	Audio Codec for Recordable DVD	LAST TIME BUY	Audio Codec	2	24	96k	I2C	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
AD1939	4 ADC/8 DAC with PLL, 192 kHz, 24-Bit Codec	PRODUCTION	Audio Codec	4	24	192k	Serial	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
AD7418	10-Bit Digital Temperature Sensor and Single Channel ADC	PRODUCTION	Temperature Sensor	2	10	66.7k	Digital, I2C	ADC, Reference, Temp Sensor
AD7414	±0.5°C Accurate, 10-Bit Digital Temperature Sensors in SOT-23	PRODUCTION	Temperature Sensor	1	10	1.25	Digital, I2C	ADC, Reference, Temp Sensor
AD7416	10-Bit Digital Temperature Sensor	PRODUCTION	Temperature Sensor	1	10	2.5k	Digital, I2C	ADC, Reference, Temp Sensor
AD7417	10-Bit Digital Temperature Sensor and Four Channel ADC	PRODUCTION	Temperature Sensor	5	10	66.7k	Digital, I2C	ADC, Reference, Temp Sensor
DS75LX	Digital Thermometer and Thermostat with Extended Addressing	PRODUCTION	Temperature Sensor	1	12	-	I2C	ADC, Temp Sensor
AD1974	4 ADC with PLL, 192 kHz, 24-Bit ADC	PRODUCTION	Audio A/D Converters	4	24	192k	I²S, TDM	ADC, Digital Filter, Reference
AD5933	1 MSPS, 12-Bit Impedance Converter, Network Analyzer	PRODUCTION	DDS, Impedence Calculator-DDS Core	1	12	1M	I2C	ADC, DAC, Integrated Amplifier, Integrated PGA, Reference, Temp Sensor
AD5934	250 kSPS, 12-Bit Impedance Converter, Network Analyzer	PRODUCTION	DDS, Impedence Calculator-DDS Core	1	12	250k	I2C	ADC, DAC, Integrated Amplifier, Integrated PGA, Reference, Temp Sensor
AD10200	Dual Channel, 12-Bit, 105 MSPS IF Sampling A/D Converter With Analog Input Signal Conditioning	LAST TIME BUY	High Speed	2	12	105M	Parallel	ADC, Reference, Transformer Coupled Front-End
AD2S1205	12-Bit R/D Converter with Reference Oscillator	PRODUCTION	Synchro to Digital Converter	1	12	-	Parallel, Serial	ADC, DAC, Reference
ADT7316	±0.5°C Accurate Digital Temperature Sensor and Quad Voltage Output 12-Bit DAC	PRODUCTION	Temperature Sensor	4	12	-	Digital, I2C, SPI	ADC, Reference, Temp Sensor
DS28EA00	1-Wire Digital Thermometer with Sequence Detect and PIO	PRODUCTION	Temperature Sensor	1	12	-	1-Wire	ADC, Temp Sensor
AD6650	Diversity IF-to-Baseband GSM/EDGE Narrow-Band Receiver	NOT RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	2	-	26M	Serial	ADC, I/Q Demodulators, Integrated VGA, PLL, Reference

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
ADT7411	SPI-/I2C-Compatible, 10-Bit Digital Temperature Sensor and 8-Channel ADC	PRODUCTION	Temperature Sensor	10	10	-	Digital, I2C	ADC, Reference, Temp Sensor
AD1937	Four ADCs/Eight DACs with PLL, 192 kHz, 24-Bit Codec	PRODUCTION	Audio Codec	4	24	192k	I2C	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
MAX6604	Precision Temperature Monitor for DDR Memory Modules	PRODUCTION	Temperature Sensor	1	11	-	I2C	ADC, Temp Sensor
ADT7516	SPI/I2C Compatible,Temperature Sensor, 4-Channel ADC and Quad Voltage Output	PRODUCTION	Temperature Sensor	4	10	-	Analog, Digital, I2C, SPI	ADC, Reference, Temp Sensor
ADT7517	SPI-/I2C-Compatible, Temperature Sensor, 4-Channel ADC and Quad Voltage Output	PRODUCTION	Temperature Sensor	4	10	-	Analog, Digital, I2C, SPI	ADC, Reference, Temp Sensor
ADE7757A	Single Phase Energy Metering IC with Integrated Oscillator and Reverse Power Indication	PRODUCTION	Single Phase Energy Metering IC	1	-	-	CF Pulses	ADC, Digital Filter, Integrated PGA, Reference
MAX6689	7-Channel Precision Temperature Monitor	PRODUCTION	Temperature Sensor	6	11	-	I2C	ADC, Temp Sensor
MAX6602	Five-Channel Precision Temperature Monitor	PRODUCTION	Temperature Sensor	4	11	-	I2C	ADC, Temp Sensor
AD1938	4 ADC/8 DAC with PLL, 192 kHz, 24-Bit CODEC	PRODUCTION	Audio Codec	4	24	192k	Serial	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
ADAU1328	2 ADC/8 DAC with PLL, 192 kHz, 24-Bit Codec	LAST TIME BUY	Audio Codec	2	24	192k	Serial	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
MAX19713	10-Bit, 45Msps, Full-Duplex, Analog Front-End	PRODUCTION	Communications Analog Front End	2	10	45M	-	-
DS75LV	Digital Thermometer and Thermostat	PRODUCTION	Temperature Sensor	1	12	-	I2C	ADC, Temp Sensor

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
ADT7408	± 2°C Accurate, 12-Bit Digital Temperature Sensor	PRODUCTION	Temperature Sensor	1	12	-	Digital, I2C, SPI	ADC, Reference, Temp Sensor
ADE7751	Single Phase Energy Metering IC with On-Chip Fault Detection	PRODUCTION	Polyphase Energy Monitoring IC	3	-	-	CF Pulses	ADC, Digital Filter, Integrated PGA, Reference, Temp Sensor
ADE7755	Energy Metering IC with Pulse Output	PRODUCTION	Polyphase Energy Monitoring IC	3	-	-	CF Pulses	ADC, Digital Filter, Integrated PGA, Reference, Temp Sensor
AD2S1200	12-Bit R/D Converter with Reference Oscillator	PRODUCTION	Synchro to Digital Converter	1	12	-	Parallel, Serial	ADC, DAC, Reference
ADV7202	10-bit Raw Video Rate CODEC featuring Simultaneous Sampling	LAST TIME BUY	Video Codec	6	10	54M	I2C, SPI	ADC, DAC, Reference
AD73311	Single-Channel, 3 V and 5 V Front-End Processor for General Purpose Applications Including Speech and Telephony	PRODUCTION	Audio Codec	1	16	64k	SPORT	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
AD73311L	Single-Channel, 3 V Front-End Processor for General Purpose Applications Including Speech and Telephony	PRODUCTION	Audio Codec	1	16	64k	SPORT	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
AD73322	Dual Voiceband Codec	NOT RECOMMENDED FOR NEW DESIGNS	Audio Codec	2	16	64k	SPORT	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
AD74111	2.5 V, 24-Bit Sigma-Delta Mono CODEC	PRODUCTION	Audio Codec	1	24	48k	SPORT	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
AD654	Low Cost Monolithic Voltage-to-Frequency Converter	NOT RECOMMENDED FOR NEW DESIGNS	Voltage to Frequency	1	-	500k	-	-
AD7740	3 V/5 V Low Power, Synchronous Voltage-to-Frequency Converter	PRODUCTION	Voltage to Frequency	1	-	1M	-	-
AD7741	Single and Multichannel, Synchronous Voltage-to-Frequency Converters	PRODUCTION	Voltage to Frequency	1	-	1.35M	-	-

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
ADVFC32	Low Cost Monolithic Voltage-to-Frequency (V/F) Converter	NOT RECOMMENDED FOR NEW DESIGNS	Voltage to Frequency	1	-	500k	-	-
AD537	Integrated Circuit Voltage-to-Frequency Converter	NOT RECOMMENDED FOR NEW DESIGNS	Voltage to Frequency	1	-	100k	-	-
AD652	Monolithic Synchronous Voltage-to-Frequency Converter	NOT RECOMMENDED FOR NEW DESIGNS	Voltage to Frequency	1	-	1M	-	-
AD7814	Temperature Sensor: 10-Bit Digital in 6-Lead SOT-23	PRODUCTION	Temperature Sensor	1	10	-	Digital, SPI	ADC, Reference, Temp Sensor
RDC1740	14-Bit Hybrid Synchro/Resolver-to-Digital Converter	LAST TIME BUY	Synchro to Digital Converter	1	14	-	Parallel	-
SDC1740	14-Bit Synchro-to-Digital Converter	LAST TIME BUY	Synchro to Digital Converter	1	14	-	Parallel	-
SDC1741	12-Bit Synchro-to-Digital Converter	LAST TIME BUY	Synchro to Digital Converter	1	12	-	Parallel	-
SDC1742	12-Bit Synchro-to-Digital Converter	LAST TIME BUY	Synchro to Digital Converter	1	12	-	Parallel	-
AD650	Voltage-to-Frequency and Frequency-to-Voltage Converter	NOT RECOMMENDED FOR NEW DESIGNS	Voltage to Frequency	1	-	1M	-	-
AD2S44	Low Cost, 14-Bit, Dual Channel Synchro/Resolver-to-Digital Converter	LAST TIME BUY	Synchro to Digital Converter	2	14	-	Parallel	-
AD2S80A	Variable Resolution Resolver-to-Digital Converters	NOT RECOMMENDED FOR NEW DESIGNS	Synchro to Digital Converter	1	-	-	Parallel	-
AD2S83	Variable Resolution Resolver-to-Digital Converter	PRODUCTION	Synchro to Digital Converter	1	-	-	Parallel	-
AD2S90	Low Cost, Complete 12-Bit Resolver-to-Digital Converter	PRODUCTION	Synchro to Digital Converter	1	12	-	Serial	-
AD1871	Stereo Audio, 24-bit, 96kHz, Multi-bit Sigma Delta ADC	NOT RECOMMENDED FOR NEW DESIGNS	Audio A/D Converters	2	24	96k	I²S, TDM	ADC, Digital Filter, Reference

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
AD1877	Single-Supply 16-Bit (Sigma Delta) Stereo ADC	NOT RECOMMENDED FOR NEW DESIGNS	Audio A/D Converters	2	16	-	-	ADC, Digital Filter, Reference
TMP03	Temperature Sensor - Serial Digital Output Thermometers	PRODUCTION	Temperature Sensor	1	16	-	Digital, PWM	ADC, Reference, Temp Sensor
TMP04	Temperature Sensor: Serial Digital Output Thermometers CMOS/TTL Comp.	PRODUCTION	Temperature Sensor	1	16	-	Digital, PWM	ADC, Reference, Temp Sensor
AD7314	Complete Temperature Monitoring System in an 8-Pin µSOIC Package	PRODUCTION	Temperature Sensor	1	10	-	Digital, SPI	ADC, Reference, Temp Sensor
ADT7470	Temperature Sensor Hub and Fan Controller	PRODUCTION	PWM Output Fan Control, Temperature Sensor	10	-	-	Digital, I2C	Temp Sensor
AD6600	Diversity Receiver Chipset	PRODUCTION	IF/RF Receiver	2	-	20M	Parallel	ADC, Integrated Attenuator, Integrated PGA, Reference
AD9874	Low Power IF Digitizing Subsystem	PRODUCTION	IF/RF Receiver	1	24	26M	Serial	ADC, Integrated Attenuator, Integrated LNA, Mixer, PLL, Reference
MAX6699	5-Channel Precision Temperature Monitor	PRODUCTION	Temperature Sensor	4	11	-	I2C	ADC, Temp Sensor
AD9864	IF Digitizing Subsystem	PRODUCTION	Mixed Signal Front End	1	-	18M	SPI	ADC, Integrated LNA, Integrated PGA, Mixer, PLL, Reference
AD9861-50	Mixed-Signal Front-End (MxFE™) Baseband Transceiver for Broadband Applications	NOT RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End	2	10	50M	Parallel	ADC, Aux DAC, DAC, PLL, Reference
AD9861-80	Mixed-Signal Front-End (MxFE™) Baseband Transceiver for Broadband Applications	NOT RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End	2	10	80M	Parallel	ADC, Aux DAC, DAC, PLL, Reference
AD9865	Broadband Modem Mixed-Signal Front End	PRODUCTION	Mixed Signal Front End	1	10	80M	Parallel	ADC, Anti-Aliasing Filter, DAC, Integrated PGA, Reference

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
AD9866	12-Bit Broadband Modem Mixed Signal Front End (MxFE®)	NOT RECOMMENDED FOR NEW DESIGNS	Mixed Signal Front End	1	12	80M	SPI	ADC, Anti-Aliasing Filter, DAC, Integrated PGA, Reference
AD9877	Single Supply Cable Modem/Set Top Box Mixed Signal Front End (MxFE®)	PRODUCTION	Mixed Signal Front End	3	8	16.5M	Parallel	ADC, DAC, Reference
MAX19707	10-Bit, 45Msps, Ultra-Low-Power Analog Front-End	PRODUCTION	Communications Analog Front End	2	10	45M	-	-
ADT75	±1°C Accurate, 12-Bit Digital Temperature Sensor	PRODUCTION	Temperature Sensor	1	12	-	Digital, I2C, SPI	ADC, Reference, Temp Sensor
ADT7301	13-Bit, ±1ºC Accurate, MicroPower Digital Temperature Sensor in 6-Lead SOT-23 and 8-Lead MSOP	PRODUCTION	Temperature Sensor	1	13	-	Digital, SPI	ADC, Reference, Temp Sensor
ADT7302	±2°C Accurate, MicroPower Digital Temperature Sensor in 6-Lead SOT-23	PRODUCTION	Temperature Sensor	1	13	-	Digital, SPI	ADC, Reference, Temp Sensor
DS1825	Programmable Resolution 1-Wire Digital Thermometer With 4-Bit ID	PRODUCTION	Temperature Sensor	1	12	-	1-Wire	ADC, Temp Sensor
MAX6698	7-Channel Precision Remote-Diode, Thermistor, and Local Temperature Monitor	PRODUCTION	Temperature Sensor	6	11	-	I2C	ADC, Temp Sensor
MAX6697	7-Channel Precision Temperature Monitor	PRODUCTION	Temperature Sensor	6	11	-	I2C	ADC, Temp Sensor
AD73322L	Dual-Channel, 3 V Front-End Processor for General Purpose Applications Including Speech and Telephony	NOT RECOMMENDED FOR NEW DESIGNS	Audio Codec	2	16	64k	SPORT	ADC, DAC, Digital Filter, Integrated PGA, PLL, Reference
DS620	Low-Voltage, ±0.5°C Accuracy Digital Thermometer and Thermostat	PRODUCTION	Temperature Sensor	1	13	-	I2C	ADC, Temp Sensor
MAX7500	Digital Temperature Sensors and Thermal Watchdog with Bus Lockup Protection	PRODUCTION	Temperature Sensor	1	9	-	I2C	ADC, Temp Sensor

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
MAX7501	Digital Temperature Sensors and Thermal Watchdog with Bus Lockup Protection	PRODUCTION	Temperature Sensor	1	9	-	I2C	ADC, Temp Sensor
MAX7503	Digital Temperature Sensors and Thermal Watchdog with Bus Lockup Protection	PRODUCTION	Temperature Sensor	1	9	-	I2C	ADC, Temp Sensor
MAX7504	Digital Temperature Sensors and Thermal Watchdog with Bus Lockup Protection	PRODUCTION	Temperature Sensor	1	9	-	I2C	ADC, Temp Sensor
MAX1496	3.5- and 4.5-Digit, Single-Chip ADCs with LED Drivers	PRODUCTION	Display Driving ADC	1	-	5	7-Segment	-
MAX1498	3.5- and 4.5-Digit, Single-Chip ADCs with LED Drivers	PRODUCTION	Display Driving ADC	1	-	5	7-Segment	-
MAX6695	Dual Remote/Local Temperature Sensors with SMBus Serial Interface	PRODUCTION	Temperature Sensor	2	11	-	I2C	ADC, Temp Sensor
MAX6696	Dual Remote/Local Temperature Sensors with SMBus Serial Interface	PRODUCTION	Temperature Sensor	2	-	-	I2C	ADC, Temp Sensor
MAX1491	3.5- and 4.5-Digit, Single-Chip ADCs with LCD Drivers	PRODUCTION	Display Driving ADC	1	-	2.5	7-Segment	-
MAX1493	3.5- and 4.5-Digit, Single-Chip ADCs with LCD Drivers	PRODUCTION	Display Driving ADC	1	-	2.5	7-Segment	-
MAX1499	3.5- and 4.5-Digit, Single-Chip ADCs with LED Drivers and µC Interface	PRODUCTION	Display Driving ADC	1	-	5	7-Segment	-
MAX5864	Ultra-Low-Power, High-Dynamic-Performance, 22Msps Analog Front End	PRODUCTION	Communications Analog Front End	2	10	22M	-	-
MAX5865	Ultra-Low-Power, High-Dynamic-Performance, 40Msps Analog Front End	PRODUCTION	Communications Analog Front End	2	10	40M	-	-
MAX6642	±1°C, SMBus-Compatible Remote/Local Temperature Sensor with Overtemperature Alarm	PRODUCTION	Temperature Sensor	1	10	-	I2C	ADC, Temp Sensor

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
DS1621	Digital Thermometer and Thermostat	PRODUCTION	Temperature Sensor	1	12	-	I2C	ADC, Temp Sensor
DS18S20	1-Wire Parasite-Power Digital Thermometer	PRODUCTION	Temperature Sensor	1	9	-	1-Wire	ADC, Temp Sensor
DS75	Digital Thermometer and Thermostat	PRODUCTION	Temperature Sensor	1	12	-	I2C	ADC, Temp Sensor
DS1626	High-Precision 3-Wire Digital Thermometer and Thermostat	PRODUCTION	Temperature Sensor	1	12	-	SPI	ADC, Temp Sensor
DS1726	High-Precision 3-Wire Digital Thermometer and Thermostat	PRODUCTION	Temperature Sensor	1	12	-	SPI	ADC, Temp Sensor
MAX1494	3.5- and 4.5-Digit, Single-Chip ADCs with LCD Drivers	PRODUCTION	Display Driving ADC	1	-	2.5	7-Segment	-
MAX6673	PWM Output Temperature Sensors in SC70 Packages	PRODUCTION	Temperature Sensor	1	-	-	PWM	ADC, Temp Sensor
DS1731	High-Precision Digital Thermometer and Thermostat	PRODUCTION	Temperature Sensor	1	12	-	I2C	ADC, Temp Sensor
MAX6646	+145°C Precision SMBus-Compatible Remote/Local Sensors with Overtemperature Alarms	PRODUCTION	Temperature Sensor	1	11	-	I2C	ADC, Temp Sensor
MAX6647	+145°C Precision SMBus-Compatible Remote/Local Sensors with Overtemperature Alarms	PRODUCTION	Temperature Sensor	1	11	-	I2C	ADC, Temp Sensor
MAX6648	Precision SMBus-Compatible Remote/Local Temperature Sensors with Overtemperature Alarms	PRODUCTION	Temperature Sensor	1	10	-	I2C	ADC, Temp Sensor
MAX6649	+145°C Precision SMBus-Compatible Remote/Local Sensors with Overtemperature Alarms	PRODUCTION	Temperature Sensor	1	11	-	I2C	ADC, Temp Sensor
MAX6692	Precision SMBus-Compatible Remote/Local Temperature Sensors with Overtemperature Alarms	PRODUCTION	Temperature Sensor	1	10	-	I2C	ADC, Temp Sensor

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
DS1722	Digital Thermometer with SPI/3-Wire Interface	PRODUCTION	Temperature Sensor	1	12	-	SPI	ADC, Temp Sensor
DS1775	Digital Thermometer and Thermostat in SOT23	PRODUCTION	Temperature Sensor	1	12	-	I2C	ADC, Temp Sensor
ICL7129A	Low-Noise, 4 1/2 Digit, Single-Chip ADC with Multiplexed LCD Drivers	PRODUCTION	Display Driving ADC	1	-	-	7-Segment	-
MAX6680	±1°C Fail-Safe Remote/Local Temperature Sensors with SMBus Interface	PRODUCTION	Temperature Sensor	1	11	-	I2C	ADC, Temp Sensor
MAX6681	±1°C Fail-Safe Remote/Local Temperature Sensors with SMBus Interface	PRODUCTION	Temperature Sensor	1	11	-	I2C	ADC, Temp Sensor
MAX6682	Thermistor-to-Digital Converter	PRODUCTION	Temperature Sensor	1	10	-	SPI	ADC, Temp Sensor
DS1629	Digital Thermometer and Real-Time Clock/Calendar	PRODUCTION	Temperature Sensor	1	9	-	I2C	ADC, Temp Sensor
MAX6691	Four-Channel Thermistor Temperature-to-Pulse-Width Converter	PRODUCTION	Temperature Sensor	4	-	-	PWM	ADC, Temp Sensor
MAX6683	Temperature Sensor and System Monitor in a 10-Pin µMAX	PRODUCTION	Temperature Sensor	1	11	-	I2C	ADC, Temp Sensor
MAX6690	2°C Accurate Remote/Local Temperature Sensor with SMBus Serial Interface	PRODUCTION	Temperature Sensor	1	11	-	I2C	ADC, Temp Sensor
MAX6633	12-Bit Plus Sign Temperature Sensors with SMBus/I²C-Compatible Serial Interface	PRODUCTION	Temperature Sensor	1	13	-	I2C	ADC, Temp Sensor
MAX6634	12-Bit Plus Sign Temperature Sensors with SMBus/I²C-Compatible Serial Interface	PRODUCTION	Temperature Sensor	1	13	-	I2C	ADC, Temp Sensor
MAX6635	12-Bit Plus Sign Temperature Sensors with SMBus/I²C-Compatible Serial Interface	PRODUCTION	Temperature Sensor	1	13	-	I2C	ADC, Temp Sensor

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
MAX6655	Dual Remote/Local Temperature Sensors and Four-Channel Voltage Monitors	PRODUCTION	Temperature Sensor	2	11	-	I2C	ADC, Temp Sensor
MAX6656	Dual Remote/Local Temperature Sensors and Four-Channel Voltage Monitors	PRODUCTION	Temperature Sensor	2	11	-	I2C	ADC, Temp Sensor
MAX6662	12-Bit + Sign Temperature Sensor with SPI-Compatible Serial Interface	PRODUCTION	Temperature Sensor	1	13	-	SPI	ADC, Temp Sensor
DS18S20-PAR	Parasite-Power Digital Thermometer	PRODUCTION	Temperature Sensor	1	9	-	1-Wire	ADC, Temp Sensor
MAX6627	Remote ±1°C Accurate Digital Temperature Sensors with SPI-Compatible Serial Interface	PRODUCTION	Temperature Sensor	1	13	-	SPI	ADC, Temp Sensor
MAX6628	Remote ±1°C Accurate Digital Temperature Sensors with SPI-Compatible Serial Interface	PRODUCTION	Temperature Sensor	1	13	-	SPI	ADC, Temp Sensor
MAX6629	12-Bit + Sign Digital Temperature Sensors with Serial Interface	PRODUCTION	Temperature Sensor	1	12	-	SPI	ADC, Temp Sensor
MAX6630	12-Bit + Sign Digital Temperature Sensors with Serial Interface	PRODUCTION	Temperature Sensor	1	12	-	SPI	ADC, Temp Sensor
MAX6631	12-Bit + Sign Digital Temperature Sensors with Serial Interface	PRODUCTION	Temperature Sensor	1	12	-	SPI	ADC, Temp Sensor
MAX6632	12-Bit + Sign Digital Temperature Sensors with Serial Interface	PRODUCTION	Temperature Sensor	1	12	-	SPI	ADC, Temp Sensor
MAX6657	±1°C, SMBus-Compatible Remote/Local Temperature Sensors with Overtemperature Alarms	PRODUCTION	Temperature Sensor	1	11	-	I2C	ADC, Temp Sensor
MAX6658	±1°C, SMBus-Compatible Remote/Local Temperature Sensors with Overtemperature Alarms	PRODUCTION	Temperature Sensor	1	11	-	I2C	ADC, Temp Sensor

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
MAX6659	±1°C, SMBus-Compatible Remote/Local Temperature Sensors with Overtemperature Alarms	PRODUCTION	Temperature Sensor	1	11	-	I2C	ADC, Temp Sensor
MAX6652	Temperature Sensor and System Monitor in a 10-Pin µMAX	PRODUCTION	Temperature Sensor	1	8	-	I2C	ADC, Temp Sensor
MAX6625	9-Bit/12-Bit Temperature Sensors with I²C-Compatible Serial Interface in a SOT23	PRODUCTION	Temperature Sensor	1	9	-	I2C	ADC, Temp Sensor
MAX6626	9-Bit/12-Bit Temperature Sensors with I²C-Compatible Serial Interface in a SOT23	PRODUCTION	Temperature Sensor	1	12	-	I2C	ADC, Temp Sensor
MAX6654	1°C Accurate Remote/Local Temperature Sensor with SMBus Serial Interface	PRODUCTION	Temperature Sensor	1	11	-	I2C	ADC, Temp Sensor
MAX1668	Multichannel Remote/Local Temperature Sensors	PRODUCTION	Temperature Sensor	4	8	-	I2C	ADC, Temp Sensor
MAX1805	Multichannel Remote/Local Temperature Sensors	PRODUCTION	Temperature Sensor	2	8	-	I2C	ADC, Temp Sensor
MAX1989	Multichannel Remote/Local Temperature Sensors	PRODUCTION	Temperature Sensor	4	8	-	I2C	ADC, Temp Sensor
AD537S	Aerospace Voltage to Frequency Converter, ±30V to 150kHz	PRODUCTION	Voltage to Frequency	1	-	100k	-	-
DS1721	Digital Thermometer and Thermostat	PRODUCTION	Temperature Sensor	1	12	-	I2C	ADC, Temp Sensor
DS1780	CPU Peripheral Monitor	RECOMMENDED FOR NEW DESIGNS	Temperature Sensor	1	9	-	I2C	ADC, Temp Sensor
LTC1392	Micropower Temperature, Power Supply and Differential Voltage Monitor	PRODUCTION	Temperature Sensor	1	10	-	SPI	ADC, Reference, Supply Monitor, Temp Sensor
ICL7136	Low-Power, 3 1/2 Digit A/D Converter	PRODUCTION	Display Driving ADC	1	-	2.5	7-Segment	-
ICL7137	Low-Power, 3 1/2 Digit A/D Converter	PRODUCTION	Display Driving ADC	1	-	2.5	7-Segment	-

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
MAX138	3 1/2 Digit ADC with Reference, Charge Pump, and Direct LED Drivers	PRODUCTION	Display Driving ADC	1	-	-	7-Segment	-
MAX139	3 1/2 Digit ADC with Reference, Charge Pump, and Direct LED Drivers	PRODUCTION	Display Driving ADC	1	-	-	7-Segment	-
MAX140	3 1/2 Digit ADC with Reference, Charge Pump, and Direct LED Drivers	PRODUCTION	Display Driving ADC	1	-	-	7-Segment	-
MAX1619	Remote/Local Temperature Sensor with Dual Alarm Outputs and SMBus Serial Interface	PRODUCTION	Temperature Sensor	1	8	-	I2C	ADC, Temp Sensor
MAX6575	SOT Temperature Sensor with Multidrop Single Wire Digital Interface	PRODUCTION	Temperature Sensor	1	-	-	Pulse Delay	ADC, Temp Sensor
MAX6576	SOT Temperature Sensors with Period/Frequency Output	PRODUCTION	Temperature Sensor	1	-	-	Period µ Temp.	ADC, Temp Sensor
MAX6577	SOT Temperature Sensors with Period/Frequency Output	PRODUCTION	Temperature Sensor	1	-	-	Freq. µ Temp.	ADC, Temp Sensor
MAX1617A	Remote/Local Temperature Sensor with SMBus Serial Interface	PRODUCTION	Temperature Sensor	1	8	-	I2C	ADC, Temp Sensor
MAX1005	IF Undersampler	PRODUCTION	IF Undersampler	1	7	15M	-	-
MAX1617	Remote/Local Temperature Sensor with SMBus Serial Interface	PRODUCTION	Temperature Sensor	1	8	-	I2C	-
MAX131	3 1/2 Digit ADC with Bandgap Reference	PRODUCTION	Display Driving ADC	1	-	-	7-Segment	-
MAX133	3¾ Digit DMM Circuit	PRODUCTION	Display Driving ADC	1	-	20	µP/4	-
MAX134	3¾ Digit DMM Circuit	PRODUCTION	Display Driving ADC	1	-	20	µP/4	-
ICL7109	12-Bit A/D Converter with 3-State Binary Outputs	PRODUCTION	Display Driving ADC	1	-	30	µP/12, UART	-

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
ICL7135	4 1/2 Digit ADC with Multiplexed BCD Outputs	PRODUCTION	Display Driving ADC	1	-	-	µP/4, UART	-
MAX136	Low Power, 3½ Digit A/D Converter with Display Hold	PRODUCTION	Display Driving ADC	1	-	2.5	7-Segment	-
ICL7116	3 1/2 Digit ADCs with Display Hold	PRODUCTION	Display Driving ADC	1	-	-	7-Segment	-
ICL7117	3 1/2 Digit ADCs with Display Hold	PRODUCTION	Display Driving ADC	1	-	-	7-Segment	-
ICL7106	3 1/2 Digit A/D Converters	PRODUCTION	Display Driving ADC	1	-	3	7-Segment	-
ICL7107	3 1/2 Digit A/D Converters	PRODUCTION	Display Driving ADC	1	-	3	7-Segment	-
ICL7126	Low-Power, 3 1/2 Digit A/D Converter	PRODUCTION	Display Driving ADC	1	-	30	7-Segment	-
ADAQ4380-4	Quad, 16-bit, 4 MSPS, Simultaneous Sampling, µModule Data Acquisition Solution	RECOMMENDED FOR NEW DESIGNS	Signal Chain Precision uModule Solutions	4	16	4M	SPI	ADC, Anti-Aliasing Filter, Integrated Amplifier, Integrated LDO, Internal Bypass Capacitance, Reference, Reference Buffer
AD6677	-	RECOMMENDED FOR NEW DESIGNS	IF/RF Receiver	1	11	250M	JESD204B, Serial LVDS	ADC, Reference
ADAQ4370-4	Quad, 16-bit, 2 MSPS, Simultaneous Sampling, µModule Data Acquisition Solution	PRE-RELEASE	Signal Chain Precision uModule Solutions	4	16	2M	SPI	ADC, Anti-Aliasing Filter, Integrated Amplifier, Integrated LDO, Internal Bypass Capacitance, Reference, Reference Buffer
ADAQ4381-4	Quad, 14-bit, 4 MSPS, Simultaneous Sampling, µModule Data Acquisition Solution	PRE-RELEASE	Signal Chain Precision uModule Solutions	4	14	4M	SPI	ADC, Anti-Aliasing Filter, Integrated Amplifier, Integrated LDO, Internal Bypass Capacitance, Reference, Reference Buffer
ADAS1135	256-Channel, 24-Bit, Current-to-Digital ADC Module	RECOMMENDED FOR NEW DESIGNS	Current to Digital	256	24	22.6k	Serial LVDS	ADC, Current Intgrators, Temp Sensor

	Description	Product Lifecycle	Device Primary Function	# of Channels	Resolution	Sample Rate max	Data Output Interface	Integration Level
ADE7979	Digital, Polyphase, Metrology IC with ADC Bit Stream Interface	NOT RECOMMENDED FOR NEW DESIGNS	Polyphase Energy Monitoring IC	3	-	-	CF Pulses, HSDC, I2C, SPI	ADC, Reference

Precision A/D Converters

Parts	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR typ in dBFS	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD4857	Buffered, 8-Channel Simultaneous Sampling, 16-Bit 1 MSPS DAS	RECOMMENDED FOR NEW DESIGNS	8	20	1M	94.6	0.5	SAR, SAR with Digital Filter, Simultaneous Sampling SAR	Single-Ended/Differential	CMOS, LVDS, SPI	878m
AD4080	20-Bit, 40 MSPS, Differential SAR ADC	RECOMMENDED FOR NEW DESIGNS	1	20	40M	93.5	8	SAR	Differential	LVDS, SPI	79.3m
AD4052	Compact, Low Power, 16-Bit, 2 MSPS Easy Drive SAR ADC	RECOMMENDED FOR NEW DESIGNS	1	16	2M	86.1	0.5	SAR	Differential, Pseudo-Differential	SPI	2.7m
ADAQ7769-1	High Input Impedance, Programmable Gain, 24-Bit, 1MSPS, Alias-Free µModule® DAQ Solution	PRE-RELEASE	1	24	1.024M	106.2	-	Sigma-Delta	Single-Ended	SPI	160m
ADE9112	Isolated, Sigma-Delta ADCs with SPI	RECOMMENDED FOR NEW DESIGNS	2	24	32k	89	-	Sigma-Delta	Differential	Isolated SPI	26.4m
ADE9113	Isolated, Sigma-Delta ADCs with SPI	RECOMMENDED FOR NEW DESIGNS	3	24	32k	89	-	Sigma-Delta	Differential	Isolated SPI	26.4m
AD7386-4	Single-Ended Input, Quad, Simultaneous Sampling, 16-Bit/14-Bit/12-Bit, SAR ADC	RECOMMENDED FOR NEW DESIGNS	4	16	4M	84.7	7	SAR	Single-Ended	SPI	83m
AD7387-4	Single-Ended Input, Quad, Simultaneous Sampling, 16-Bit/14-Bit/12-Bit, SAR ADC	RECOMMENDED FOR NEW DESIGNS	4	14	4M	82.4	1.8	SAR	Single-Ended	SPI	81m
AD7388-4	Single-Ended Input, Quad, Simultaneous Sampling, 16-Bit/14-Bit/12-Bit, SAR ADC	RECOMMENDED FOR NEW DESIGNS	4	12	4M	73.7	0.75	SAR	Single-Ended	SPI	80m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD4858	Buffered, 8-Channel Simultaneous Sampling, 20-Bit 1 MSPS DAS	RECOMMENDED FOR NEW DESIGNS	8	20	1M	97	12	SAR	Differential, Single-Ended	CMOS, Serial LVDS, SPI	-
ADFS7124-4	4-Channel, Low Noise, Low Power, 24-Bit, Sigma-Delta ADC with PGA and Reference	RECOMMENDED FOR NEW DESIGNS	4	24	19.2k	-	-	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	840µ
ADFS7124-8	8-Channel, Low Noise, Low Power, 24-Bit, Sigma-Delta ADC with PGA and Reference	RECOMMENDED FOR NEW DESIGNS	8	24	19.2k	-	-	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	842µ
ADAQ7767-1	Flexible Resistive Input, Anti-Alias, 24-Bit, 1 MSPS, µModule DAQ Solution	RECOMMENDED FOR NEW DESIGNS	1	24	1.024M	106.1	-	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	96m
AD7383-4	Pseudo Differential Input, Quad, 4 MSPS Simultaneous Sampling, 16-Bit, SAR ADC	RECOMMENDED FOR NEW DESIGNS	4	16	4M	86.7	3.8	SAR	Pseudo-Differential	QSPI, SPI	186m
AD7384-4	Pseudo Differential Input, Quad, 4 MSPS Simultaneous Sampling, 14-Bit, SAR ADC	RECOMMENDED FOR NEW DESIGNS	4	14	4M	83.5	1	SAR	Pseudo-Differential	QSPI, SPI	186m
ADAQ7768-1	24-Bit Single Channel Precision µModule Data Acquisition System	RECOMMENDED FOR NEW DESIGNS	1	24	1.024M	105.9	-	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	243m
AD4131-8	32 µA, Ultra Low Power, 16-Bit Sigma-Delta ADC with Integrated PGA	RECOMMENDED FOR NEW DESIGNS	8	16	2.4k	97.9	251.7	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	57.6µ
AD4129-8	32 µA, Ultra Low Power, 16-Bit Sigma-Delta ADC with Integrated PGA and FIFO	RECOMMENDED FOR NEW DESIGNS	8	16	2.4k	97.9	251.7	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	57.6µ

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD74115	Single-Channel, Software Configurable Input and Output	RECOMMENDED FOR NEW DESIGNS	1	16	9.6k	-	4	Sigma-Delta	Current, Pseudo-Differential, Single-Ended	OWSI (PPC), SPI	-
AD4632-16	16-Bit, 500 kSPS, Dual Channel SAR ADC	RECOMMENDED FOR NEW DESIGNS	2	16	500k	97.4	0.2	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	5m
AD4032-24	24-Bit, 500 kSPS, SAR ADC	RECOMMENDED FOR NEW DESIGNS	1	24	500k	108.4	-	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	10m
AD74115H	Single-Channel, Software Configurable Input and Output with HART Modem	RECOMMENDED FOR NEW DESIGNS	1	16	9.6k	-	4	Sigma-Delta	Current, Pseudo-Differential, Single-Ended	OWSI (PPC), SPI	-
AD4684	1 MSPS, 4-Channel, 16-Bit Dual, Simultaneous Sampling SAR ADCs	RECOMMENDED FOR NEW DESIGNS	4	16	1M	87.5	3.5	SAR	Single-Ended	SPI	27m
AD4685	500 kSPS, 4-Channel, 16-Bit Dual, Simultaneous Sampling SAR ADCs	RECOMMENDED FOR NEW DESIGNS	4	16	500k	87.5	3.5	SAR	Single-Ended	SPI	27m
AD4632-24	24-Bit, 500 kSPS, Dual Channel SAR ADC	RECOMMENDED FOR NEW DESIGNS	2	24	500k	105.7	-	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	5m
ADAQ8092	14-Bit, 105 MSPS, µModule	RECOMMENDED FOR NEW DESIGNS	2	14	105M	60.3	-	-	Single-Ended/Differential	CMOS, DDR CMOS, LVDS	394m
AD4630-16	16-Bit, 2 MSPS, Dual Channel SAR ADC	RECOMMENDED FOR NEW DESIGNS	2	16	2M	97.4	0.2	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	15m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD4130-8	32 µA, Ultra Low Power, 24-Bit Sigma-Delta ADC with Integrated PGA and FIFO	RECOMMENDED FOR NEW DESIGNS	8	24	2.4k	97.9	251.7	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	57.6µ
AD4030-24	24-Bit, 2 MSPS, SAR ADC	RECOMMENDED FOR NEW DESIGNS	1	24	2M	108.7	-	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	30m
AD4697	16-Bit, 8-Channel, 500 kSPS, Easy Drive Multiplexed SAR ADC	RECOMMENDED FOR NEW DESIGNS	8	16	500k	93	1	SAR	Pseudo-Differential	SPI	4m
AD4698	16-Bit, 8-Channel, 1 MSPS, Easy Drive Multiplexed SAR ADC	RECOMMENDED FOR NEW DESIGNS	8	16	1M	93	1	SAR	Pseudo-Differential	SPI	8m
ADAQ23876	16-Bit, 15 MSPS, µModule Data Acquisition Solution	RECOMMENDED FOR NEW DESIGNS	1	16	15M	89.5	-	SAR	Differential, Single-Ended	LVDS	143m
AD7380-4	Differential Input, Quad, External Reference Simultaneous Sampling, 16-Bit, SAR ADC	RECOMMENDED FOR NEW DESIGNS	4	16	4M	91	2	SAR	Differential	SPI	83m
AD7381-4	Differential Input, Quad,14-Bit, Simultaneous Sampling, SAR ADC	RECOMMENDED FOR NEW DESIGNS	4	14	4M	85.3	1	SAR	Differential	SPI	83m
AD7389-4	Differential Input, Quad, Internal Reference Simultaneous Sampling, 16-Bit SAR ADC	RECOMMENDED FOR NEW DESIGNS	4	16	2M	90.5	2.5	SAR	Differential	SPI	83m
ADAQ23878	18-Bit, 15 MSPS, µModule Data Acquisition Solution	RECOMMENDED FOR NEW DESIGNS	1	18	15M	89.5	-	SAR	Differential, Single-Ended	LVDS	143m
AD4116	Single Supply, 24-Bit, Sigma-Delta ADC with ±10 V, 10 MΩ Inputs and Buffered Low Level Inputs	RECOMMENDED FOR NEW DESIGNS	16	24	62.5k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	31m
AD4630-24	24-Bit, 2 MSPS Dual Channel SAR ADC	RECOMMENDED FOR NEW DESIGNS	2	24	2M	105.7	-	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	15m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD4134	24-Bit, 4-Channel Simultaneous Sampling 1.5 MSPS Precision Alias Free ADC	RECOMMENDED FOR NEW DESIGNS	4	24	1.496M	107	-	Sigma-Delta	Differential	-	125m
ADAQ4001	16-Bit, 2 MSPS, µModule Data Acquisition Solution	RECOMMENDED FOR NEW DESIGNS	1	16	2M	95.5	-	SAR	Differential, Single-Ended	SPI	51.6m
MAX22530	Field-Side Self-Powered, 4-Channel, 12-bit, Isolated ADC	RECOMMENDED FOR NEW DESIGNS	4	12	20k	-	2	SAR	-	Isolated SPI	-
MAX22531	Field-Side Self-Powered, 4-Channel, 12-bit, Isolated ADC	RECOMMENDED FOR NEW DESIGNS	4	12	20k	-	2	SAR	-	Isolated SPI	-
MAX22532	Field-Side Self-Powered, 4-Channel, 12-bit, Isolated ADC	RECOMMENDED FOR NEW DESIGNS	4	12	20k	-	2	SAR	-	Isolated SPI	-
MAX11410A	24-Bit Multi-Channel Low-Power 1.9ksps Delta-Sigma ADC with PGA	PRODUCTION	10	24	1.92k	-	160	Sigma-Delta	Differential, Single-Ended	SPI	-
AD7606C-16	8-Channel DAS with 16-Bit, 1 MSPS Bipolar Input, Simultaneous Sampling ADC	RECOMMENDED FOR NEW DESIGNS	8	16	1M	92	2	SAR	Differential, Single-Ended	Parallel, SPI	47m
AD7606C-18	8-Channel DAS with 18-Bit, 1 MSPS Bipolar Input, Simultaneous Sampling ADC	RECOMMENDED FOR NEW DESIGNS	8	18	1M	93	7.5	SAR	Differential, Single-Ended	Parallel, SPI	245m
AD4680	Differential Inputs, 1 MSPS, Dual Simultaneous Sampling SAR ADCs	RECOMMENDED FOR NEW DESIGNS	2	16	1M	92.5	1.5	SAR	Differential	SPI	29.4m
AD4681	Differential Inputs, 500 kSPS, Dual Simultaneous Sampling SAR ADCs	RECOMMENDED FOR NEW DESIGNS	2	16	500k	92.5	1.5	SAR	Differential	SPI	18.7m
AD4682	Pseudo Differential Input, 1 MSPS/500 kSPS, Dual, Simultaneous Sampling, 16-Bit, SAR ADCs	RECOMMENDED FOR NEW DESIGNS	2	16	1M	87.5	2.5	SAR	Pseudo-Differential	SPI	29m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD4683	Pseudo Differential Input, 1 MSPS/500 kSPS, Dual, Simultaneous Sampling, 16-Bit, SAR ADCs	RECOMMENDED FOR NEW DESIGNS	2	16	500k	87.5	2.5	SAR	Pseudo-Differential	SPI	29.4m
ADAQ23875	16-Bit, 15 MSPS, µModule Data Acquisition Solution	RECOMMENDED FOR NEW DESIGNS	1	16	15M	89.5	-	SAR	Differential, Single-Ended	LVDS	143m
ADAQ4003	18-Bit, 2 MSPS, µModule Data Acquisition Solution	RECOMMENDED FOR NEW DESIGNS	1	18	2M	100	-	SAR	Differential, Single-Ended	SPI	57.4m
AD4695	16-Bit, 16-Channel, 500 kSPS, Easy Drive Multiplexed SAR ADC	RECOMMENDED FOR NEW DESIGNS	16	16	500k	93	1	SAR	Pseudo-Differential	SPI	4m
AD4696	16-Bit, 16-Channel, 1 MSPS, Easy Drive Multiplexed SAR ADC	RECOMMENDED FOR NEW DESIGNS	16	16	1M	93	1	SAR	Pseudo-Differential	SPI	8m
ADUM7704	16-Bit, Isolated, Sigma-Delta Modulator	RECOMMENDED FOR NEW DESIGNS	1	16	21M	-	8	Sigma-Delta Modulator	Differential	Isolated Serial	130m
AD4114	Single Supply, Multichannel, 31.25 kSPS, 24-Bit, Sigma-Delta ADC with ±10 V Inputs	RECOMMENDED FOR NEW DESIGNS	16	24	31.25k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	19.5m
AD7383	Dual, Simultaneous Sampling, 16-Bit, 4 MSPS, SAR ADCs, Pseudo Differential Input	PRODUCTION	2	16	4M	86.1	2.5	SAR	Pseudo-Differential	SPI	87m
AD7384	Dual, Simultaneous Sampling, 14-Bit, 4 MSPS, SAR ADCs, Pseudo Differential Input	RECOMMENDED FOR NEW DESIGNS	2	14	4M	84.1	1	SAR	Pseudo-Differential	SPI	84m
ADUM7702	16-Bit, Isolated, Sigma-Delta Modulator	RECOMMENDED FOR NEW DESIGNS	1	16	21M	-	4	Sigma-Delta Modulator	Differential	Isolated Serial	47.6m
AD4115	Single-Supply, Multichannel, 125 kSPS, 24-Bit, Sigma-Delta ADC with ±10 V Inputs	RECOMMENDED FOR NEW DESIGNS	16	24	125k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	52m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7134	24-Bit, 4-Channel Simultaneous Sampling 1.5 MSPS Precision Alias Free ADC	NOT RECOMMENDED FOR NEW DESIGNS	4	24	1.5M	107	33	Sigma-Delta Modulator	Differential	SPI	504m
ADE1201	Single Channel, Configurable, Isolated Digital Input	RECOMMENDED FOR NEW DESIGNS	1	8	100k	-	-	SAR	Single-Ended	Isolated SPI	14.19m
ADE1202	Dual Channel, Configurable, Isolated Digital Input	RECOMMENDED FOR NEW DESIGNS	2	8	100k	-	-	SAR	Single-Ended	Isolated SPI	14.19m
AD4021	20-Bit, 1.8 MSPS/1 MSPS/500 kSPS, Easy Drive, Differential SAR ADCs	RECOMMENDED FOR NEW DESIGNS	1	20	1M	100.5	-	SAR	Differential	SPI	8.3m
AD4022	20-Bit, 1.8 MSPS/1 MSPS/500 kSPS, Easy Drive, Differential SAR ADCs	RECOMMENDED FOR NEW DESIGNS	1	20	500k	100.5	-	SAR	Differential	SPI	4.5m
AD74413R	Quad-Channel, Software Configurable Input and Output	RECOMMENDED FOR NEW DESIGNS	4	16	4.8k	-	4	Sigma-Delta	Differential	SPI	-
AD7387	4-Channel, 4 MSPS, 14-Bit, Dual, Simultaneous Sampling SAR ADC	RECOMMENDED FOR NEW DESIGNS	4	14	4M	84	1	SAR	Single-Ended	SPI	81m
AD7388	4-Channel, 4 MSPS, 12-Bit, Dual, Simultaneous Sampling SAR ADCs	RECOMMENDED FOR NEW DESIGNS	4	12	4M	73.8	0.5	SAR	Single-Ended	SPI	80m
AD74412R	Quad-Channel, Software Configurable Input/Output	RECOMMENDED FOR NEW DESIGNS	4	16	4.8k	-	4	Sigma-Delta	Differential	SPI	-
AD7386	4-Channel, 4 MSPS, 16-Bit Dual Simultaneous Sampling SAR ADC	PRODUCTION	4	16	4M	87.5	3.5	SAR	Single-Ended	SPI	83m
AD7606B	8-Channel DAS with 16-Bit, 800 kSPS Bipolar Input, Simultaneous Sampling ADC	RECOMMENDED FOR NEW DESIGNS	8	16	800k	89.5	2.5	SAR	Single-Ended	Parallel, SPI	40m
ADUM7703	16-Bit, Isolated, Sigma-Delta ADC	RECOMMENDED FOR NEW DESIGNS	1	16	21M	-	5	Sigma-Delta Modulator	Differential	Isolated Serial	46m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
ADUM7701	16-Bit, Isolated Sigma-Delta Modulator	RECOMMENDED FOR NEW DESIGNS	1	16	21M	-	4	Sigma-Delta Modulator	Differential	Isolated Serial	46m
AD4110-1	Universal Input Analog Front End with 24-Bit ADC for Industrial Process Control Systems	RECOMMENDED FOR NEW DESIGNS	1	24	125k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	200m
AD7380	4MSPS Dual Simultaneous Sampling, 16-BIT SAR ADC, Differential Input	PRODUCTION	2	16	4M	92.5	-	SAR	Differential	SPI	83m
AD7381	4MSPS Dual Simultaneous Sampling, 14-BIT SAR ADC, Differential Input	PRODUCTION	2	14	4M	85.4	-	SAR	Differential	SPI	83m
AD4111	Single Supply, 24-Bit, Sigma-Delta ADC with ±10 V and 0 mA to 20 mA Inputs, Open Wire Detection	RECOMMENDED FOR NEW DESIGNS	16	24	31.25k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	19.5m
AD4112	Single Supply, 24-Bit, Sigma-Delta ADC with ±10 V and 0 mA to 20 mA Inputs	RECOMMENDED FOR NEW DESIGNS	16	24	31.25k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	19.5m
MAX19777	3Msps, Low-Power, Serial 12-Bit ADC	PRODUCTION	2	12	3M	72.5	1	SAR	Single-Ended	SPI	6.2m
MAX11261	24-Bit, 6-Channel, 16ksps, 6.2nV/√Hz PGA, Delta-Sigma ADC with I2C Interface	PRODUCTION	6	24	16k	-	-	Sigma-Delta	Differential, Single-Ended	I2C	-
AD7768-1	DC to 204 kHz, Dynamic Signal Analysis, Precision 24-Bit ADC with Power Scaling	RECOMMENDED FOR NEW DESIGNS	1	24	1.024M	108	-	Sigma-Delta	Differential	SPI	26.4m
LTC2357-18	Buffered Quad, 18-Bit, 350ksps/Ch Differential ±10.24V ADC with 30VP-P Common Mode Range	PRODUCTION	4	18	350k	96.4	3.5	SAR	Differential, Single-Ended	Serial LVDS, SPI	174m
AD4006	18-Bit, 2 MSPS/1 MSPS/500 kSPS, Precision, Pseudo Differential, SAR ADCs	RECOMMENDED FOR NEW DESIGNS	1	18	1M	95	-	SAR	Pseudo-Differential	SPI	7m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD4010	18-Bit, 2 MSPS/1 MSPS/500 kSPS, Precision, Pseudo Differential, SAR ADCs	RECOMMENDED FOR NEW DESIGNS	1	18	500k	95	-	SAR	Pseudo-Differential	SPI	3.5m
AD4002	18-Bit, 2 MSPS/1 MSPS/500 kSPS, Precision, Pseudo Differential, SAR ADCs	RECOMMENDED FOR NEW DESIGNS	1	18	2M	95	-	SAR	Pseudo-Differential	SPI	14m
LTC2353-16	Buffered Dual, 16-Bit, 550ksps/Channel Differential ±10.24V ADC with 30VP-P Common Mode Range	PRODUCTION	2	16	550k	94.2	1	SAR	Differential, Single-Ended	Serial LVDS, SPI	162m
LTC2353-18	Buffered Dual, 18-Bit, 550ksps/Ch Differential ±10.24V ADC with 30VP-P Common Mode Range	PRODUCTION	2	18	550k	96.4	3.5	SAR	Differential, Single-Ended	Serial LVDS, SPI	187m
LTC2492	24-Bit 2-/4-Channel ΔΣ ADC with Easy Drive Input Current Cancellation	PRODUCTION	4	24	15	-	167.7	Sigma-Delta	Differential, Single-Ended	SPI	800µ
LTC2357-16	Buffered Quad, 16-Bit, 350ksps/Ch Differential ±10.24V ADC with 30VP-P Common Mode Range	PRODUCTION	4	16	350k	94.2	1	SAR	Differential, Single-Ended	Serial LVDS, SPI	175m
AD4008	16-Bit, 2 MSPS/1 MSPS/500 kSPS, Precision, Pseudo Differential, SAR ADCs	RECOMMENDED FOR NEW DESIGNS	1	16	500k	93	-	SAR	Pseudo-Differential	SPI	3.5m
MAX11192	12-/14-/16-Bit, 2Msps, Dual Simultaneous Sampling SAR ADCs with Internal Reference	PRODUCTION	2	12	2M	74	1	SAR	Differential	SPI	-
MAX11195	12-/14-/16-Bit, 2Msps, Dual Simultaneous Sampling SAR ADCs with Internal Reference	PRODUCTION	2	14	2M	84.6	1	SAR	Differential	SPI	-
MAX11198	12-/14-/16-Bit, 2Msps, Dual Simultaneous Sampling SAR ADCs with Internal Reference	PRODUCTION	2	16	2M	91.7	1.5	SAR	Differential	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7617	16-Channel DAS with 14-Bit, Bipolar Input, Dual Simultaneous Sampling ADC	PRODUCTION	16	14	1M	85	1	SAR	Pseudo-Differential	Parallel, SPI	230m
AD4020	20-Bit, 1.8 MSPS/1 MSPS/500 kSPS, Easy Drive, Differential SAR ADCs	RECOMMENDED FOR NEW DESIGNS	1	20	1.8M	100.5	-	SAR	Differential	SPI	15m
LTC2324-14	Quad, 14-Bit + Sign, 2Msps/Ch Simultaneous Sampling ADC	PRODUCTION	4	14	2M	82	2.5	SAR	Differential, Single-Ended	Serial LVDS, SPI	102m
LTC2324-12	Quad, 12-Bit + Sign, 2Msps/Ch Simultaneous Sampling ADC	PRODUCTION	4	12	2M	78.5	1	SAR	Differential, Single-Ended	Serial LVDS, SPI	102m
AD4007	18-Bit, 2 MSPS/1 MSPS/500 kSPS, Easy Drive, Differential SAR ADCs	RECOMMENDED FOR NEW DESIGNS	1	18	1M	100.5	-	SAR	Differential	SPI	8m
AD4011	18-Bit, 2 MSPS/1 MSPS/500 kSPS, Easy Drive, Differential SAR ADCs	RECOMMENDED FOR NEW DESIGNS	1	18	500k	100.5	-	SAR	Differential	SPI	4m
AD7616-P	16-Channel DAS with 16-Bit, Bipolar Input, Dual Simultaneous Sampling ADC with Parallel Interface	PRODUCTION	16	16	1M	90.5	2	SAR	Differential	Parallel	230m
AD7771	8-Channel, 24-Bit, 128 kSPS Simultaneous Sampling ADC	RECOMMENDED FOR NEW DESIGNS	8	24	128k	95	-	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	133m
LTC2324-16	Quad, 16-Bit, 2Msps/Ch Simultaneous Sampling ADC	PRODUCTION	4	16	2M	82	12	SAR	Differential	Serial LVDS, SPI	102m
LTC2333-16	Buffered 8-Channel, 16-Bit, 800ksps Differential ±10.24V ADC with 30VP-P Common Mode Range	PRODUCTION	8	16	800k	94.2	1	SAR	Differential	Serial LVDS, SPI	268m
LTC2333-18	Buffered 8-Channel, 18-Bit, 800ksps Differential ±10.24V ADC with 30VP-P Common Mode Range	PRODUCTION	8	18	800k	96.4	3	SAR	Differential	Serial LVDS, SPI	268m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD4004	16-Bit, 2 MSPS/1 MSPS/500 kSPS, Precision, Pseudo Differential, SAR ADCs	RECOMMENDED FOR NEW DESIGNS	1	16	1M	93	-	SAR	Pseudo-Differential	SPI	7m
AD4005	16-Bit, 2 MSPS/1 MSPS, Precision, Differential SAR ADCs	RECOMMENDED FOR NEW DESIGNS	1	16	1M	96.2	-	SAR	Differential	SPI	8m
LTC2325-12	Quad, 12-Bit + Sign, 5Msps/Ch Simultaneous Sampling ADC	PRODUCTION	4	12	5M	77	1	SAR	Differential, Single-Ended	Serial LVDS, SPI	102m
LTC2325-14	Quad, 14-Bit + Sign, 5Msps/Ch Simultaneous Sampling ADC	PRODUCTION	4	14	5M	82	3	SAR	Differential, Single-Ended	Serial LVDS, SPI	102m
LTC2358-18	Buffered Octal, 18-Bit, 200ksps/Ch Differential ±10.24V ADC with 30VP-P Common Mode Range	PRODUCTION	8	18	200k	96.4	3.5	SAR	Differential, Single-Ended	Serial LVDS, SPI	219m
ADAQ7980	16-Bit, 1 MSPS, Integrated Data Acquisition Subsystem	RECOMMENDED FOR NEW DESIGNS	1	16	1000k	91.5	1.25	SAR	Pseudo-Differential, Single-Ended	SPI	21m
ADAQ7988	16-bit, 500 kSPS, Integrated Data Acquisition System	RECOMMENDED FOR NEW DESIGNS	1	16	500k	91.5	1.25	SAR	Pseudo-Differential, Single-Ended	SPI	16.5m
LTC2320-14	Octal, 14-Bit + Sign, 1.5Msps/Ch Simultaneous Sampling ADC	PRODUCTION	8	14	1.5M	81	3	SAR	Differential	Serial LVDS, SPI	102m
AD4001	16-Bit, 2 MSPS/1 MSPS, Precision, Differential SAR ADCs	PRODUCTION	1	16	2M	96.2	-	SAR	Differential	SPI	16m
LTC2320-12	Octal, 12-Bit + Sign, 1.5Msps/Ch Simultaneous Sampling ADC	PRODUCTION	8	12	1.5M	77	1	SAR	Differential	Serial LVDS, SPI	102m
LTC2500-32	32-Bit Over-Sampling ADC with Configurable Digital Filter	PRODUCTION	1	32	1M	148	-	SAR	Differential	SPI	24m
MAX14001	Configurable, Isolated 10-bit ADCs for Multi-Range Binary Inputs	RECOMMENDED FOR NEW DESIGNS	1	10	10k	-	1	SAR	Single-Ended	Isolated SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX14002	Configurable, Isolated 10-bit ADCs for Multi-Range Binary Inputs	RECOMMENDED FOR NEW DESIGNS	1	10	10k	-	1	SAR	Single-Ended	Isolated SPI	-
LTC2325-16	Quad, 16-Bit, 5Msps/Ch Simultaneous Sampling ADC	PRODUCTION	4	16	5M	82	9	SAR	Differential, Single-Ended	Serial LVDS, SPI	102m
LTC2358-16	Buffered Octal, 16-Bit, 200ksps/Ch Differential ±10.24V ADC with 30VP-P Common Mode Range	PRODUCTION	8	16	200k	94.2	1	SAR	Differential, Single-Ended	Serial LVDS, SPI	219m
LTC2374-16	16-Bit, 1.6Msps, 8-Channel SAR ADC with 96dB SNR	PRODUCTION	8	16	1.6M	96	0.5	SAR	Differential	SPI	55m
RT2378-20	Radiation Tolerant 20-Bit, 1Msps, Low Power Plastic Package SAR ADC	LAST TIME BUY	1	20	1M	104	2	SAR	Differential	SPI	21m
LTC2320-16	Octal, 16-Bit, 1.5Msps/Ch Simultaneous Sampling ADC	PRODUCTION	8	16	1.5M	82	12	SAR	Differential	Serial LVDS, SPI	102m
AD4000	16-Bit, 2 MSPS/1 MSPS/500 kSPS, Precision, Pseudo Differential, SAR ADCs	PRODUCTION	1	16	2M	93	-	SAR	Pseudo-Differential	SPI	14m
AD4003	18-Bit, 2 MSPS/1 MSPS/500 kSPS, Easy Drive, Differential SAR ADCs	PRODUCTION	1	18	2M	100.5	-	SAR	Differential	SPI	16m
AD7616	16-Channel DAS with 16-Bit, Bipolar Input, Dual Simultaneous Sampling ADC	PRODUCTION	16	16	1M	90.5	2	SAR	Differential	Parallel, SPI	230m
LTC2341-16	Dual, 16-Bit, 666ksps/ch Differential SoftSpan ADC with Wide Input Common Mode Range	PRODUCTION	2	16	666k	93.4	1.25	SAR	Differential	Serial LVDS, SPI	74m
LTC2341-18	Dual, 18-Bit, 666ksps/ch Differential SoftSpan ADC with Wide Input Common Mode Range	PRODUCTION	2	18	666k	95	4	SAR	Differential	Serial LVDS, SPI	74m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2310-12	12-Bit + Sign, 2Msps Differential Input ADC with Wide Input Common Mode Range	PRODUCTION	1	12	2M	73	1	SAR	Differential	Serial LVDS, SPI	25m
LTC2512-24	24-Bit Over-Sampling ADC with Configurable Flat Passband Digital Filter	PRODUCTION	1	24	400k	117	-	SAR	Differential	Serial LVDS, SPI	30m
AD7605-4	4-Channel DAS with 16-Bit, Bipolar Input, Simultaneous Sampling ADC	PRODUCTION	4	16	300k	90	2	SAR	Single-Ended	Parallel, SPI	71m
LTC2310-14	14-Bit + Sign, 2Msps Differential Input ADC with Wide Input Common Mode Range	PRODUCTION	1	14	2M	82	2.5	SAR	Differential	Serial LVDS, SPI	25m
LTC2310-16	16-Bit, 2Msps Differential Input ADC with Wide Input Common Mode Range	PRODUCTION	1	16	2M	82	8	SAR	Differential	Serial LVDS, SPI	30m
LTC2344-18	Quad, 18-Bit, 400ksps/ch Differential SoftSpan ADC with Wide Input Common Mode Range	PRODUCTION	4	18	400k	95	4	SAR	Differential	Serial LVDS, SPI	81m
LTC2344-16	Quad, 16-Bit, 400ksps/ch Differential SoftSpan ADC with Wide Input Common Mode Range	PRODUCTION	4	16	400k	93.4	1.25	SAR	Differential	Serial LVDS, SPI	81m
MAX11410	24-Bit Multi-Channel Low-Power 1.9ksps Delta-Sigma ADC with PGA	PRODUCTION	10	24	1.92k	-	160	Sigma-Delta	Differential, Single-Ended	SPI	-
LTC2311-12	12-Bit + Sign, 5Msps Differential Input ADC with Wide Input Common Mode Range	PRODUCTION	1	12	5M	73	1	SAR	Differential, Pseudo-Differential	Serial LVDS, SPI	30m
LTC2508-32	32-Bit Over-Sampling ADC with Configurable Digital Filter	PRODUCTION	1	32	1M	145	-	SAR	Differential	SPI	24m
MAX11284	Dual 24-Bit, Low-Power, High-SNR, 4ksps Delta-Sigma ADCs with Integrated PGAs	RECOMMENDED FOR NEW DESIGNS	2	24	4k	118	1	Sigma-Delta	Differential	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR typ in dBFS	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7770	8-Channel, 24-Bit, 32 kSPS Simultaneous Sampling ADC	RECOMMENDED FOR NEW DESIGNS	8	24	32k	103	-	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	117m
LTC2311-14	14-Bit + Sign, 5Msps Differential Input ADC with Wide Input Common Mode Range	PRODUCTION	1	14	5M	80	2	SAR	Differential, Pseudo-Differential	Serial LVDS, SPI	30m
LTC2311-16	16-Bit, 5Msps Differential Input ADC with Wide Input Common Mode Range	PRODUCTION	1	16	5M	82	8	SAR	Differential, Pseudo-Differential	Serial LVDS, SPI	30m
AD7761	8-Channel, 16-Bit, Simultaneous Sampling ADC with Power Scaling, 110.8 kHz BW	RECOMMENDED FOR NEW DESIGNS	8	16	256k	97.9	1.5	Sigma-Delta	Differential	SPI	75m
AD7768-4	4-Channel, 24-Bit, Simultaneous Sampling ADC, Power Scaling, 110.8 kHz BW	RECOMMENDED FOR NEW DESIGNS	4	24	256k	107.8	-	Sigma-Delta	Differential	SPI	235m
LTC2385-16	16-Bit, 5Msps SAR ADC	PRODUCTION	1	16	5M	93.8	0.5	SAR	Differential	Serial LVDS	78m
LTC2385-18	18-Bit, 5Msps SAR ADC	PRODUCTION	1	18	5M	95.7	1.5	SAR	Differential	Serial LVDS	78m
LTC2345-16	Octal, 16-Bit, 200ksps Differential SoftSpan ADC with Wide Input Common Mode Range	PRODUCTION	8	16	200k	91	1.25	SAR	Differential	Serial LVDS, SPI	81m
AD7779	8-Channel, 24-Bit, 16 kSPS Simultaneous Sampling ADC	RECOMMENDED FOR NEW DESIGNS	8	24	16k	108	-	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	86m
AD7768	8-Channel, 24-Bit, Simultaneous Sampling ADC, Power Scaling, 110.8 kHz BW	RECOMMENDED FOR NEW DESIGNS	8	24	256k	107.8	-	Sigma-Delta	Differential	SPI	412m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2335-16	16-Bit, 1Msps 8-Channel Differential ±10.24V Input SoftSpan ADC with Wide Input Common Mode Range	PRODUCTION	8	16	1M	94.4	1	SAR	Differential, Pseudo-Differential, Single-Ended	Serial LVDS, SPI	182m
LTC2335-18	18-Bit, 1Msps 8-Channel Differential ±10.24V Input SoftSpan ADC with Wide Input Common Mode Range	PRODUCTION	8	18	1M	96.7	3	SAR	Differential, Pseudo-Differential, Single-Ended	Serial LVDS, SPI	182m
LTC2345-18	Octal, 18-Bit, 200ksps Differential SoftSpan ADC with Wide Input Common Mode Range	PRODUCTION	8	18	200k	91.8	5	SAR	Differential	Serial LVDS, SPI	81m
LTC2386-16	16-Bit, 10Msps SAR ADC	PRODUCTION	1	16	10M	93.8	0.5	SAR	Differential	Serial LVDS	97m
LTC2386-18	18-Bit, 10Msps SAR ADC	PRODUCTION	1	18	10M	95.7	1.75	SAR	Differential	Serial LVDS	97m
LTC2368-24	24-Bit, 1Msps, Pseudo- Differential Unipolar SAR ADC with Integrated Digital Filter	PRODUCTION	1	24	1M	98	75	SAR	Pseudo-Differential, Single-Ended	SPI	21m
MAX11259	24-Bit, 6-Channel, 16ksps, 6.2nV/√Hz PGA, Delta-Sigma ADC with I²C Interface	PRODUCTION	6	24	16k	133	-	Sigma-Delta	Differential	I2C	-
AD7175-8	24-Bit, 8-/16-Channel, 250 kSPS, Sigma-Delta ADC with True Rail-to-Rail Buffers	RECOMMENDED FOR NEW DESIGNS	8	24	250k	-	-	Sigma-Delta	Differential, Pseudo-Differential	SPI	105m
LTC2380-24	24-Bit, 1.5Msps/2Msps, Low Power SAR ADC with Integrated Digital Filter	PRODUCTION	1	24	2M	145	-	SAR	Differential	SPI	28m
LTC2387-16	16-Bit, 15Msps SAR ADC	PRODUCTION	1	16	15M	93.8	-	SAR	Differential	Serial LVDS	125m
LTC2387-18	18-Bit, 15Msps SAR ADC	PRODUCTION	1	18	15M	95.7	-	SAR	Differential	Serial LVDS	125m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX11253	16-Bit, 6-Channel, 64ksps, 6.2nV/√Hz PGA, Delta-Sigma ADC with SPI Interface	RECOMMENDED FOR NEW DESIGNS	6	16	64k	-	-	Sigma-Delta	Differential	Microwire, QSPI, SPI	-
LTC2348-16	Octal, 16-Bit, 200ksps Differential ±10.24V Input SoftSpan ADC with Wide Input Common Mode Range	PRODUCTION	8	16	200k	94.4	1	SAR	Differential, Pseudo-Differential	Serial LVDS, SPI	140m
AD7091R-5	4-Channel, I2C, Ultralow Power 12-Bit ADC in 20-Lead LFCSP/TSSOP	PRODUCTION	4	12	22.22k	68	1.25	SAR	Single-Ended	I2C	170µ
MAX11167	16-Bit, 250ksps, ±5V SAR ADC with Internal Reference in TDFN	PRODUCTION	1	16	250k	93	1	SAR	Differential, Single-Ended	SPI	-
AD7124-4	4-Channel, Low Noise, Low Power, 24-Bit, Sigma-Delta ADC with PGA and Reference	RECOMMENDED FOR NEW DESIGNS	4	24	19.2k	-	-	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	842µ
LTC2372-16	16-Bit, 500ksps, 8-Channel SAR ADC with 96dB SNR	PRODUCTION	8	16	500k	96	1	SAR	Differential, Pseudo-Differential	SPI	27m
MAX11150	18-Bit, 500ksps, +5V SAR ADC with Internal Reference in µMAX	PRODUCTION	1	18	500k	93.6	3.7	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
MAX11158	18-Bit, 500ksps, ±5V SAR ADC with Internal Reference in µMAX	PRODUCTION	1	18	500k	93.9	2.7	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
MAX11160	16-Bit, 500ksps, +5V SAR ADC with Internal Reference in µMAX	PRODUCTION	1	16	500k	93	1.3	SAR	Differential, Single-Ended	SPI	-
MAX11161	16-Bit, 250ksps, +5V SAR ADC with Internal Reference in µMAX	PRODUCTION	1	16	250k	93	1	SAR	Differential, Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2348-18	Octal, 18-Bit, 200ksps Differential ±10.24V Input SoftSpan ADC with Wide Input Common Mode Range	PRODUCTION	8	18	200k	96.7	2.5	SAR	Differential, Pseudo-Differential	Serial LVDS, SPI	140m
AD7172-4	Low Power, with 4- or 8-channel, 24-bit, 31.25 kSPS, Sigma-Delta ADC with True Rail-to-Rail Buffers	RECOMMENDED FOR NEW DESIGNS	8	24	31.25k	-	-	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	11m
LTC2373-16	16-Bit, 1Msps, 8-Channel SAR ADC with 96dB SNR	PRODUCTION	8	16	1M	96	1	SAR	Differential, Pseudo-Differential	SPI	40m
MAX11214	24-Bit, 5mW, 140dB SNR, 32ksps Delta-Sigma ADC with Integrated PGA	PRODUCTION	1	24	32k	140	4	Sigma-Delta	Differential, Single-Ended	SPI	-
AD7124-8	8-Channel, Low Noise, Low Power, 24-Bit, Sigma-Delta ADC with PGA and Reference	RECOMMENDED FOR NEW DESIGNS	8	24	19.2k	-	-	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	840µ
MAX11254	24-Bit, 6-Channel, 64ksps, 6.2nV/√Hz PGA, Delta-Sigma ADC with SPI Interface	PRODUCTION	6	24	64k	133	-	Sigma-Delta	Differential	Microwire, QSPI, SPI	-
MAX11900	16-Bit, 1Msps, Low-Power, Fully Differential SAR ADC	PRODUCTION	1	16	1M	96	0.5	SAR	Differential	DSP-Compatible Serial, Microwire, QSPI, SPI	-
AD7177-2	32-Bit, 10 kSPS, Sigma-Delta ADC with 100 µs Settling and True Rail-to-Rail Buffers	RECOMMENDED FOR NEW DESIGNS	4	32	10k	-	-	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	52m
AD7915	16-Bit, 1 MSPS/500 kSPS PulSAR ADCs in MSOP/LFCSP	PRODUCTION	1	16	1M	94	-	SAR	Differential	SPI	7m
AD7916	16-Bit, 1 MSPS/500 kSPS PulSAR ADCs in MSOP/LFCSP	PRODUCTION	1	16	500k	94	-	SAR	Differential	SPI	3.7m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2372-18	18-Bit, 500ksps, 8-Channel SAR ADC with 100dB SNR	PRODUCTION	8	18	500k	100	2	SAR	Differential, Pseudo-Differential	SPI	27m
AD7402	16-Bit, Isolated Sigma-Delta Modulator	RECOMMENDED FOR NEW DESIGNS	1	16	10M	87	-	Sigma-Delta Modulator	Differential	Isolated Serial	145m
LTC2373-18	18-Bit, 1Msps, 8-Channel SAR ADC with 100dB SNR	PRODUCTION	8	18	1M	100	2	SAR	Differential, Pseudo-Differential	SPI	40m
ADAR7251	4-Channel, 16-Bit, Continuous Time Data Acquisition ADC	NOT RECOMMENDED FOR NEW DESIGNS	4	16	1.2M	-	-	Sigma-Delta	Differential, Single-Ended	SPI	400m
AD7172-2	Low Power, 24-Bit, 31.25 kSPS, Sigma-Delta ADC with True Rail-to-Rail Buffers	RECOMMENDED FOR NEW DESIGNS	4	24	31.25k	-	-	Sigma-Delta	Differential, Pseudo-Differential	SPI	11m
MAX11902	18-Bit, 1Msps, Low-Power, Fully Differential SAR ADC	PRODUCTION	1	18	1M	98	1.5	SAR	Differential	DSP-Compatible Serial, Microwire, QSPI, SPI	-
MAX11216	24-Bit, 10mW, 140dB SNR, 64ksps Delta-Sigma ADC with Integrated PGA	PRODUCTION	1	24	64k	140	4	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11270	24-Bit, 10mW, 130dB SNR, 64ksps Delta-Sigma ADC with Integrated PGA	PRODUCTION	1	24	64k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11262	14-Bit, 500ksps, +5V Unipolar Input, SAR ADC, in Tiny 10-Pin µMAX	PRODUCTION	1	14	500k	85.4	0.2	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
AD7405	16-Bit, Isolated Sigma-Delta Modulator, LVDS Interface	RECOMMENDED FOR NEW DESIGNS	1	16	20M	88	12	Sigma-Delta Modulator	Differential	Isolated Serial LVDS	208m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7175-2	24-Bit, 250 kSPS, Sigma-Delta ADC with 20 µs Settling and True Rail-to-Rail Buffers	RECOMMENDED FOR NEW DESIGNS	4	24	250k	-	-	Sigma-Delta	Differential, Pseudo-Differential	SPI	42.5m
MAX11169	16-Bit, 250ksps, ±5V SAR ADC with Internal Reference in µMAX	PRODUCTION	1	16	250k	93	1	SAR	Differential, Single-Ended	SPI	-
MAX11901	16-Bit, 1.6Msps, Low-Power, Fully Differential SAR ADC	PRODUCTION	1	16	3M	96	0.5	SAR	Differential	DSP-Compatible Serial, Microwire, QSPI, SPI	-
LTC2323-12	Dual, 12-Bit + Sign, 5Msps Differential Input ADC with Wide Input Common Mode Range	PRODUCTION	2	12	5M	73	1	SAR	Differential, Pseudo-Differential, Single-Ended	Serial LVDS, SPI	55m
LTC2323-14	Dual, 14-Bit + Sign, 5Msps Differential Input ADC with Wide Input Common Mode Range	PRODUCTION	2	14	5M	80	4	SAR	Differential, Pseudo-Differential, Single-Ended	Serial LVDS, SPI	55m
LTC2321-16	Dual, 16-Bit, 2Msps Differential Input ADC with Wide Input Common Mode Range	PRODUCTION	2	16	2M	81	12	SAR	Differential, Pseudo-Differential, Single-Ended	Serial LVDS, SPI	37m
LTC2321-14	Dual, 14-Bit + Sign, 2Msps Differential Input ADC with Wide Input Common Mode Range	PRODUCTION	2	14	2M	80	4	SAR	Differential, Pseudo-Differential, Single-Ended	Serial LVDS, SPI	37m
AD7981	High Temperature, 16-Bit, 600 kSPS PulSAR ADC	PRODUCTION	1	16	600k	91	2.5	SAR	Pseudo-Differential	SPI	4.68m
LTC2326-16	16-Bit, 250ksps, ±10.24V True Bipolar, Pseudo-Differential Input ADC with 93.5dB SNR	PRODUCTION	1	16	250k	93.5	1.5	SAR	Pseudo-Differential	SPI	28m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2327-16	16-Bit, 500ksps, ±10.24V True Bipolar, Pseudo-Differential Input ADC with 93.5dB SNR	PRODUCTION	1	16	500k	93.5	1.5	SAR	Pseudo-Differential	SPI	36m
LTC2328-16	16-Bit, 1Msps, ±10.24V True Bipolar, Pseudo-Differential Input ADC with 93.5dB SNR	PRODUCTION	1	16	1M	93.5	1.5	SAR	Pseudo-Differential	SPI	50m
LTC2321-12	Dual, 12-Bit + Sign, 2Msps Differential Input ADC with Wide Input Common Mode Range	PRODUCTION	2	12	2M	73	1	SAR	Differential, Pseudo-Differential, Single-Ended	Serial LVDS, SPI	37m
MAX11168	16-Bit, 500ksps, ±5V SAR ADC with Internal Reference in µMAX	PRODUCTION	1	16	500k	93	1	SAR	Differential, Single-Ended	SPI	-
AD7403-8	16-Bit, Isolated Sigma-Delta Modulator	RECOMMENDED FOR NEW DESIGNS	1	16	20M	88	6.5	Sigma-Delta Modulator	Differential	Isolated Serial	187m
LTC2326-18	18-Bit, 250ksps, ±10.24V True Bipolar, Pseudo-Differential Input ADC with 95dB SNR	PRODUCTION	1	18	250k	95	5	SAR	Pseudo-Differential	SPI	50m
LTC2327-18	18-Bit, 500ksps, ±10.24V True Bipolar, Pseudo-Differential Input ADC with 95dB SNR	PRODUCTION	1	18	500k	95	5	SAR	Pseudo-Differential	SPI	57m
MAX11905	20-Bit, 1.6Msps, Low-Power, Fully Differential SAR ADC	PRODUCTION	1	20	1.6M	98.3	6	SAR	Differential	DSP-Compatible Serial, Microwire, QSPI, SPI	-
AD7902	Dual Pseudo Differential 16-Bit, 1 MSPS PulSAR ADC 12.0 mW in QSOP	PRODUCTION	2	16	1M	91.5	2.5	SAR	Pseudo-Differential	SPI	12m
LTC2328-18	18-Bit, 1Msps, ±10.24V True Bipolar, Pseudo-Differential Input ADC with 95dB SNR	PRODUCTION	1	18	1M	95	5	SAR	Pseudo-Differential	SPI	72.5m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2323-16	Dual, 16-Bit, 5Msps Differential Input ADC with Wide Input Common Mode Range	PRODUCTION	2	16	5M	81	12	SAR	Differential, Pseudo-Differential, Single-Ended	Serial LVDS, SPI	55m
AD7989-1	18-Bit, 100 kSPS PulSAR ADCs in MSOP/LFCSP	PRODUCTION	1	18	100k	98	2	SAR	Differential	SPI	700µ
AD7989-5	18-Bit, 500 kSPS PulSAR ADCs in MSOP/LFCSP	PRODUCTION	1	18	500k	98	2	SAR	Differential	SPI	3.5m
AD7656A	250 kSPS, 6-Channel, Simultaneous Sampling, Bipolar 16-Bit ADC	PRODUCTION	6	16	250k	86.5	3	SAR	Single-Ended	Parallel, SPI	143m
AD7656A-1	250 kSPS, 6-Channel, Simultaneous Sampling, Bipolar, 16-Bit ADC	PRODUCTION	6	16	250k	88	3	SAR	Single-Ended	Parallel, SPI	140m
MAX11162	16-Bit, 500ksps, +5V Unipolar Input, SAR ADC, in Tiny 10-Pin µMAX	PRODUCTION	1	16	500k	93.6	1.2	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
AD7903	Dual Differential 16-Bit, 1 MSPS PulSAR 12.0 mW in QSOP	PRODUCTION	2	16	1M	94	2	SAR	Differential	SPI	12m
AD7091R-2	2-Channel, 1 MSPS, Ultralow Power, 12-Bit ADC in 16-Lead TSSOP	PRODUCTION	2	12	1M	70	1	SAR	Single-Ended	SPI	2.8m
AD7091R-4	4-Channel, 1 MSPS, Ultralow Power, 12-Bit ADC in 20-Lead TSSOP	PRODUCTION	4	12	1M	70	1	SAR	Single-Ended	SPI	2.8m
AD7091R-8	8-Channel, 1 MSPS, Ultralow Power, 12-Bit ADC in 24-Lead TSSOP	PRODUCTION	8	12	1M	70	1	SAR	Single-Ended	SPI	2.8m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7173-8	Low Power, 8-/16-Channel, 31.25 kSPS, 24-Bit, Highly Integrated Sigma-Delta ADC	RECOMMENDED FOR NEW DESIGNS	16	24	31.25k	-	-	Sigma-Delta	Differential, Pseudo-Differential, Single-Ended	SPI	28m
MAX11152	18-Bit, 500ksps, +5V Unipolar Input, SAR ADC, in Tiny 10-Pin µMAX	PRODUCTION	1	18	500k	95	2	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
MAX11163	16-Bit, 250ksps, +5V Unipolar Input, SAR ADC, in Tiny 10-Pin µMAX	PRODUCTION	1	16	250k	93	1	SAR	Differential, Single-Ended	SPI	-
LTC2312-12	12-Bit, 500ksps Serial Sampling ADC in TSOT	PRODUCTION	1	12	500k	73	1.25	SAR	Single-Ended	SPI	17m
LTC2312-14	14-Bit, 500ksps Serial Sampling ADC in TSOT	PRODUCTION	1	14	500k	77.5	3.75	SAR	Single-Ended	SPI	17m
LTC2336-18	18-Bit, 250ksps, ±10.24V True Bipolar, Fully Differential Input ADC with 100dB SNR	PRODUCTION	1	18	250k	100	4	SAR	Differential	SPI	27.5m
LTC2337-18	18-Bit, 500ksps, ±10.24V True Bipolar, Fully Differential Input ADC with 100dB SNR	PRODUCTION	1	18	500k	100	4	SAR	Differential	SPI	35m
LTC2338-18	18-Bit, 1Msps, ±10.24V True Bipolar, Fully Differential Input ADC with 100dB SNR	PRODUCTION	1	18	1M	100	4	SAR	Differential	SPI	50m
MAX11190	4-Channel, Dual, Simultaneous Sampling, 2.2V to 3.6V, 12-Bit, 3Msps SAR ADC in Tiny 3mm x 3mm TQFN Package	RECOMMENDED FOR NEW DESIGNS	4	12	3M	72	1	SAR	Single-Ended	Microwire, QSPI, SPI	-
LTC2313-12	12-Bit, 2.5Msps Serial Sampling ADC in TSOT	PRODUCTION	1	12	2.5M	73	1.25	SAR	Single-Ended	SPI	17m
AD7960	18-Bit, 5 MSPS PULSAR® Differential ADC	PRODUCTION	1	18	5M	99	2	SAR	Differential	Serial LVDS	39m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7961	16-Bit, 5 MSPS PULSAR® Differential ADC	PRODUCTION	1	16	5M	95.5	0.55	SAR	Differential	Serial LVDS	39m
LTC2313-14	14-Bit, 2.5Msps Serial Sampling ADC in TSOT	PRODUCTION	1	14	2.5M	77.5	3.75	SAR	Single-Ended	SPI	18m
MAX11154	18-Bit, 500ksps, 0 to 5V SAR ADC with Internal Reference in TDFN	PRODUCTION	1	18	500k	93.5	2	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
MAX11165	16-Bit, 250ksps, 0 to 5V SAR ADC with Internal Reference in TDFN	PRODUCTION	1	16	250k	92.4	0.5	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
LTC2376-20	20-Bit, 250ksps, Low Power SAR ADC with 0.5ppm INL	PRODUCTION	1	20	250k	104	2	SAR	Differential	SPI	5.25m
LTC2377-20	20-Bit, 500ksps, Low Power SAR ADC with 0.5ppm INL	PRODUCTION	1	20	500k	104	2	SAR	Differential	SPI	10.5m
LTC2378-20	20-Bit, 1Msps, Low Power SAR ADC with 0.5ppm INL	PRODUCTION	1	20	1M	104	2	SAR	Differential	SPI	21m
ADAS3023	16-Bit, 8-Channel Simultaneous Sampling Data Acquisition System	PRODUCTION	8	16	500k	91.5	2.5	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	360m
MAX11156	18-Bit, 500ksps, ±5V SAR ADC with Internal Reference in TDFN	PRODUCTION	1	18	500k	94.6	2.5	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
LTC2315-12	12-Bit, 5Msps Serial Sampling ADC in TSOT	PRODUCTION	1	12	5M	73	1.25	SAR	Single-Ended	SPI	32m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2314-14	14-Bit, 4.5Msps Serial Sampling ADC in TSOT	PRODUCTION	1	14	4.5M	77.5	3.75	SAR	Single-Ended	SPI	31m
MAX11108	Tiny, 2.1mm x 1.6mm, 3Msps, Low-Power, Serial 12-Bit ADC	PRODUCTION	1	12	3M	72	1	SAR	Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
ADAS3022	16-Bit, 1 MSPS, 8 Channel Data Acquisition System	PRODUCTION	8	16	1M	91.5	2	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	330m
MAX11322	1Msps, 10-/12-Bit, 4-/8-/16-Channel ADCs with Post-Mux External Signal Conditioning Access	PRODUCTION	4	12	1M	72.3	1	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
MAX11325	1Msps, 10-/12-Bit, 4-/8-/16-Channel ADCs with Post-Mux External Signal Conditioning Access	PRODUCTION	8	12	1M	72.3	1	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
MAX11328	1Msps, 10-/12-Bit, 4-/8-/16-Channel ADCs with Post-Mux External Signal Conditioning Access	PRODUCTION	16	12	1M	72.3	1	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
MAX11335	500ksps, 12-/10-Bit, 4-/8-/16-Channel ADCs with Post-Mux External Signal Conditioning Access	PRODUCTION	4	12	500k	72.3	1	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX11337	500ksps, 12-/10-Bit, 4-/8-/16-Channel ADCs with Post-Mux External Signal Conditioning Access	PRODUCTION	16	12	500k	72.3	1	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
MAX11338	500ksps, 12-/10-Bit, 4-/8-/16-Channel ADCs with Post-Mux External Signal Conditioning Access	PRODUCTION	4	10	500k	61.5	-0.4	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
MAX11340	500ksps, 12-/10-Bit, 4-/8-/16-Channel ADCs with Post-Mux External Signal Conditioning Access	PRODUCTION	16	10	500k	61.5	-0.4	SAR	Differential, Single-Ended	DSP-Compatible Serial, Microwire, QSPI, SPI	-
ADE7912	2-Channel, Isolated, Sigma Delta ADC with SPI	PRODUCTION	2	24	8k	70	-	Sigma-Delta	Pseudo-Differential	Isolated SPI	41.25m
ADE7913	3-Channel, Isolated, Sigma Delta ADC with SPI	PRODUCTION	3	24	8k	70	-	Sigma-Delta	Pseudo-Differential	Isolated SPI	41.25m
AD7176-2	24-Bit, 250 kSPS Sigma Delta ADC with 20 µs Settling	RECOMMENDED FOR NEW DESIGNS	4	24	250k	-	-	Sigma-Delta	Differential, Pseudo-Differential	SPI	42.5m
LTC2389-16	16-Bit, 2.5Msps SAR ADC with Pin-Configurable Analog Input Range and 96dB SNR	PRODUCTION	1	16	2.5M	96	1	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel, SPI	162.5m
AD7091	1 MSPS, Ultralow Power 12-Bit ADC in 8-Lead LFCSP	PRODUCTION	1	12	1M	68	0.6	SAR	Single-Ended	SPI	2.4m
MAX11331	3Msps, 12-/10-Bit, 8-/16-Channel ADCs with Post-Mux External Signal Conditioning Access	PRODUCTION	16	12	3M	72.3	1	SAR	Differential, Single-Ended	Microwire, QSPI, SPI	-
AD7091R	1 MSPS, Ultralow Power, 12-Bit ADC in 10-Lead LFCSP and MSOP	PRODUCTION	1	12	1M	69	1	SAR	Single-Ended	SPI	2.3m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1302	8-Channel, ±VREF Multirange Inputs, Serial 16-Bit ADC	PRODUCTION	8	16	115k	90	1	SAR	Differential, Single-Ended	SPI	-
MAX11135	500ksps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	4	12	500k	72.6	1	SAR	Differential, Single-Ended	Microwire, QSPI, SPI	-
MAX11136	500ksps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	8	12	500k	72.6	1	SAR	Differential, Single-Ended	Microwire, QSPI, SPI	-
MAX11137	500ksps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	16	12	500k	72.6	1	SAR	Differential, Single-Ended	Microwire, QSPI, SPI	-
MAX11138	500ksps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	4	10	500k	61.5	0.4	SAR	Differential, Single-Ended	Microwire, QSPI, SPI	-
MAX11139	500ksps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	8	10	500k	61.5	0.4	SAR	Differential, Single-Ended	Microwire, QSPI, SPI	-
MAX11140	500ksps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	16	10	500k	61.5	0.4	SAR	Differential, Single-Ended	Microwire, QSPI, SPI	-
MAX11142	500ksps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	8	8	500k	49.6	0.2	SAR	Differential, Single-Ended	SPI	-
MAX11143	500ksps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	16	8	500k	49.6	0.2	SAR	Differential, Single-Ended	SPI	-
LTC2389-18	18-Bit, 2.5Msps SAR ADC with Pin-Configurable Analog Input Range and 99.8dB SNR	PRODUCTION	1	18	2.5M	99.8	3	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel, SPI	162.5m
MAX11121	1Msps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	4	10	1M	61.7	0.4	SAR	Differential, Single-Ended	SPI	-
MAX11122	1Msps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	4	12	1M	72.6	1	SAR	Differential, Single-Ended	SPI	-
MAX11123	1Msps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	8	8	1M	49.6	0.02	SAR	Differential, Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX11125	1Msps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	8	12	1M	72.6	1	SAR	Differential, Single-Ended	Microwire, QSPI, SPI	-
MAX11126	1Msps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	16	8	1M	49.6	0.02	SAR	Differential, Single-Ended	SPI	-
MAX11127	1Msps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	16	10	1M	61.7	0.4	SAR	Differential, Single-Ended	SPI	-
MAX11128	1Msps, Low-Power, Serial 12-/10-/8-Bit, 4-/8-/16-Channel ADCs	PRODUCTION	16	12	1M	72.6	1	SAR	Differential, Single-Ended	SPI	-
LTC2368-16	16-Bit, 1Msps, Pseudo-Differential Unipolar SAR ADC with 94.7dB SNR	PRODUCTION	1	16	1M	94.7	0.75	SAR	Pseudo-Differential, Single-Ended	SPI	13.5m
LTC2364-16	16-Bit, 250ksps, Pseudo-Differential Unipolar SAR ADC with 94.7dB SNR	PRODUCTION	1	16	250k	94.7	0.75	SAR	Pseudo-Differential, Single-Ended	SPI	3.4m
LTC2367-16	16-Bit, 500ksps, Pseudo-Differential Unipolar SAR ADC with 94.7dB SNR	PRODUCTION	1	16	500k	94.7	0.75	SAR	Pseudo-Differential, Single-Ended	SPI	6.8m
AD7988-1	16-Bit Lower Power PulSAR ADCs in MSOP/LFCSP	PRODUCTION	1	16	100k	91.5	1.25	SAR	Pseudo-Differential	SPI	700µ
AD7988-5	16-Bit Lower Power PulSAR ADCs in MSOP/LFCSP	PRODUCTION	1	16	500k	91.5	1.25	SAR	Pseudo-Differential	SPI	3.5m
LTC2364-18	18-Bit, 250ksps, Pseudo-Differential Unipolar SAR ADC with 97dB SNR	PRODUCTION	1	18	250k	97	2.5	SAR	Pseudo-Differential, Single-Ended	SPI	3.4m
LTC2367-18	18-Bit, 500ksps, Pseudo-Differential Unipolar SAR ADC with 97dB SNR	PRODUCTION	1	18	500k	97	2.5	SAR	Pseudo-Differential, Single-Ended	SPI	6.8m
LTC2368-18	18-Bit, 1Msps, Pseudo-Differential Unipolar SAR ADC with 97dB SNR	PRODUCTION	1	18	1M	97	2.5	SAR	Pseudo-Differential, Single-Ended	SPI	13.5m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2370-16	16-Bit, 2Msps, Pseudo- Differential Unipolar SAR ADC with 94dB SNR	PRODUCTION	1	16	2M	94	0.85	SAR	Pseudo-Differential, Single-Ended	SPI	19m
LTC2369-18	18-Bit, 1.6Msps, Pseudo-Differential Unipolar SAR ADC with 96.5dB SNR	PRODUCTION	1	18	1.6M	96.5	2.5	SAR	Pseudo-Differential, Single-Ended	SPI	18m
MAX11131	3Msps, Low-Power, Serial 12-/10-Bit, 8-/16-Channel ADCs	PRODUCTION	16	12	3M	72.3	1	SAR	Differential, Single-Ended	SPI	-
MAX11132	3Msps, Low-Power, Serial 12-/10-Bit, 8-/16-Channel ADCs	PRODUCTION	8	12	3M	72.3	1	SAR	Differential, Single-Ended	Microwire, QSPI, SPI	-
MAX11638	8-Bit, 16-/8-Channel, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	8	8	300k	49	0.5	SAR	Single-Ended	SPI	-
MAX11639	8-Bit, 16-/8-Channel, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	8	8	300k	49	0.5	SAR	Single-Ended	SPI	-
MAX11642	8-Bit, 16-/8-Channel, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	16	8	300k	49	0.5	SAR	Single-Ended	SPI	-
MAX11643	8-Bit, 16-/8-Channel, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	16	8	300k	49	0.5	SAR	Single-Ended	SPI	-
MAX11101	14-Bit, +5V, 200ksps ADC with 10µA Shutdown	PRODUCTION	1	14	200k	91.7	2	SAR	Single-Ended	Microwire, QSPI, SPI	-
MAX11100	16-Bit, +5V, 200ksps ADC with 10µA Shutdown	PRODUCTION	1	16	200k	91.7	2	SAR	Single-Ended	Microwire, QSPI, SPI	-
LTC2376-16	16-Bit, 250ksps, Low Power SAR ADC with 97dB SNR	PRODUCTION	1	16	250k	97	0.5	SAR	Differential	SPI	3.4m
LTC2377-16	16-Bit, 500ksps, Low Power SAR ADC with 97dB SNR	PRODUCTION	1	16	500k	97	0.5	SAR	Differential	SPI	6.8m
LTC2378-16	16-Bit, 1Msps, Low Power SAR ADC with 97dB SNR	PRODUCTION	1	16	1M	97	0.5	SAR	Differential	SPI	13.5m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2376-18	18-Bit, 250ksps, Low Power SAR ADC with 102dB SNR	PRODUCTION	1	18	250k	102	1.75	SAR	Differential	SPI	3.4m
LTC2377-18	18-Bit, 500ksps, Low Power SAR ADC with 102dB SNR	PRODUCTION	1	18	500k	102	1.75	SAR	Differential	SPI	6.8m
LTC2378-18	18-Bit, 1Msps, Low Power SAR ADC with 102dB SNR	PRODUCTION	1	18	1M	102	1.75	SAR	Differential	SPI	13.5m
MAX11618	10-Bit, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	4	10	300k	49	1	SAR	Single-Ended	SPI	-
MAX11619	10-Bit, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	4	10	300k	49	1	SAR	Single-Ended	SPI	-
MAX11620	10-Bit, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	8	10	300k	49	1	SAR	Single-Ended	SPI	-
MAX11621	10-Bit, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	8	10	300k	49	1	SAR	Single-Ended	SPI	-
MAX11624	10-Bit, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	16	10	300k	49	1	SAR	Single-Ended	SPI	-
MAX11625	10-Bit, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	16	10	300k	49	1	SAR	Single-Ended	SPI	-
MAX11634	12-Bit, 300ksps ADCs with Differential Track/Hold, and Internal Reference	PRODUCTION	4	12	300k	70	1	SAR	Differential, Single-Ended	SPI	-
MAX11635	12-Bit, 300ksps ADCs with Differential Track/Hold, and Internal Reference	PRODUCTION	4	12	300k	70	1	SAR	Differential, Single-Ended	SPI	-
MAX11636	12-Bit, 300ksps ADCs with Differential Track/Hold, and Internal Reference	PRODUCTION	8	12	300k	70	1	SAR	Differential, Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX11637	12-Bit, 300ksps ADCs with Differential Track/Hold, and Internal Reference	PRODUCTION	8	12	300k	70	1	SAR	Differential, Single-Ended	SPI	-
MAX11040K	24-/16-Bit, 4-Channel, Simultaneous-Sampling, Cascadable, Sigma-Delta ADCs	PRODUCTION	4	24	64k	106	167.77216	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11060	24-/16-Bit, 4-Channel, Simultaneous-Sampling, Cascadable, Sigma-Delta ADCs	PRODUCTION	4	16	64k	94.5	1.5	Sigma-Delta	Differential	SPI	-
AD7609	8-Channel Differential DAS with 18-Bit, Bipolar, Simultaneous Sampling ADC	PRODUCTION	8	18	200k	101	3	SAR	Differential	Parallel, SPI	100m
LTC2380-16	16-Bit, 2Msps, Low Power SAR ADC with 96.2dB SNR	PRODUCTION	1	16	2M	96.2	-	SAR	Differential	SPI	19m
LTC2379-18	18-Bit, 1.6Msps, Low Power SAR ADC with 101.2dB SNR	PRODUCTION	1	18	1.6M	101.2	2	SAR	Differential	SPI	18m
MAX11661	500ksps, Low-Power, Serial 12-/10-/8-Bit ADCs	PRODUCTION	1	8	500k	49.5	0.25	SAR	Single-Ended	SPI	-
MAX11662	500ksps, Low-Power, Serial 12-/10-/8-Bit ADCs	PRODUCTION	2	8	500k	49.5	0.25	SAR	Single-Ended	SPI	-
MAX11663	500ksps, Low-Power, Serial 12-/10-/8-Bit ADCs	PRODUCTION	1	10	500k	61.5	0.5	SAR	Single-Ended	SPI	-
MAX11664	500ksps, Low-Power, Serial 12-/10-/8-Bit ADCs	PRODUCTION	2	10	500k	61.5	0.5	SAR	Single-Ended	SPI	-
MAX11665	500ksps, Low-Power, Serial 12-/10-/8-Bit ADCs	PRODUCTION	1	12	500k	73	1	SAR	Single-Ended	SPI	-
MAX11666	500ksps, Low-Power, Serial 12-/10-/8-Bit ADCs	PRODUCTION	2	12	500k	73	1	SAR	Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7298-1	8-Channel, 1 MSPS, 10-Bit SAR ADC	PRODUCTION	8	10	1M	61.5	0.5	SAR	Single-Ended	SPI	17.4m
LTC2381-16	16-Bit, 250ksps, Low Power SAR ADC with Serial Interface	PRODUCTION	1	16	250k	92	2	SAR	Differential	SPI	3.25m
LTC2382-16	16-Bit, 500ksps, Low Power SAR ADC with Serial Interface	PRODUCTION	1	16	500k	92	2	SAR	Differential	SPI	6.5m
LTC2383-16	16-Bit, 1Msps, Low Power SAR ADC with Serial Interface	PRODUCTION	1	16	1M	92	2	SAR	Differential	SPI	13m
MAX11206	20-Bit, Single-Channel, Ultra-Low-Power, Delta-Sigma ADCs with Programmable Gain and GPIO	PRODUCTION	1	20	480	-	10	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11207	20-Bit, Single-Channel, Ultra-Low-Power, Delta-Sigma ADCs with Programmable Gain and GPIO	PRODUCTION	1	20	480	-	10	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11209	18-Bit, Ultra-Low Power, Delta-Sigma ADCs with Programmable Gain and GPIO	PRODUCTION	1	18	480	-	15	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11211	18-Bit, Ultra-Low Power, Delta-Sigma ADCs with Programmable Gain and GPIO	PRODUCTION	1	18	480	-	15	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11626	12-Bit, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	4	12	300k	75	1	SAR	Single-Ended	SPI	-
MAX11627	12-Bit, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	4	12	300k	70	1	SAR	Single-Ended	SPI	-
MAX11628	12-Bit, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	8	12	300k	70	1	SAR	Single-Ended	SPI	-
MAX11629	12-Bit, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	8	12	300k	70	1	SAR	Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX11632	12-Bit, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	16	12	300k	70	1	SAR	Single-Ended	SPI	-
MAX11633	12-Bit, 300ksps ADCs with FIFO and Internal Reference	PRODUCTION	16	12	300k	70	1	SAR	Single-Ended	SPI	-
MAX11201	24-Bit, Single-Channel, Ultra-Low-Power, Delta Sigma ADC with 2-Wire Serial Interface	PRODUCTION	1	24	120	-	10	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11200	24-Bit, Single-Channel, Ultra-Low Power, Delta-Sigma ADCs with GPIO	PRODUCTION	1	24	480	-	160	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11203	16-Bit, Single-Channel, Ultra-Low Power, Delta-Sigma ADC with Programmable Gain and GPIO	PRODUCTION	1	16	480	-	20	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11210	24-Bit, Single-Channel, Ultra-Low Power, Delta-Sigma ADCs with GPIO	PRODUCTION	1	24	480	-	10	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11213	16-Bit, Single-Channel, Ultra-Low Power, Delta-Sigma ADC with Programmable Gain and GPIO	PRODUCTION	1	16	480	-	20	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11102	2Msps/3Msps, Low-Power, Serial 12-/10-/8-Bit ADCs	PRODUCTION	2	12	2M	73	1	SAR	Single-Ended	SPI	-
MAX11103	2Msps/3Msps, Low-Power, Serial 12-/10-/8-Bit ADCs	PRODUCTION	2	12	3M	72	1	SAR	Single-Ended	SPI	-
MAX11105	2Msps/3Msps, Low-Power, Serial 12-/10-/8-Bit ADCs	PRODUCTION	1	12	2M	73	1	SAR	Single-Ended	SPI	-
MAX11111	2Msps/3Msps, Low-Power, Serial 12-/10-/8-Bit ADCs	PRODUCTION	2	8	3M	49.8	0.25	SAR	Single-Ended	SPI	-
MAX11115	2Msps/3Msps, Low-Power, Serial 12-/10-/8-Bit ADCs	PRODUCTION	1	8	2M	49.5	0.25	SAR	Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX11116	2Msps/3Msps, Low-Power, Serial 12-/10-/8-Bit ADCs	PRODUCTION	1	8	3M	49.5	0.25	SAR	Single-Ended	SPI	-
MAX11117	2Msps/3Msps, Low-Power, Serial 12-/10-/8-Bit ADCs	PRODUCTION	1	10	3M	61.5	1	SAR	Single-Ended	SPI	-
MAX11208	20-Bit, Single-Channel, Ultra-Low-Power, Delta-Sigma ADC with 2-Wire Serial Interface	PRODUCTION	1	20	120	-	10	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11205	16-Bit, Single-Channel, Ultra-Low Power, Delta-Sigma ADC with 2-Wire Serial Interface	PRODUCTION	1	16	120	-	20	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11202	24-Bit, Single-Channel, Ultra-Low-Power, Delta-Sigma ADC with 2-Wire Serial Interface	PRODUCTION	1	24	120	-	10	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11212	18-Bit, Single-Channel, Ultra-Low Power, Delta-Sigma ADC with 2-Wire Serial Interface	PRODUCTION	1	18	120	-	10	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX11644	Low-Power, 1-/2-Channel, I²C, 12-Bit ADCs in Ultra-Tiny 1.9mm x 2.2mm Package	PRODUCTION	2	12	94.4k	70	1	SAR	Differential, Single-Ended	I2C	-
MAX11645	Low-Power, 1-/2-Channel, I²C, 12-Bit ADCs in Ultra-Tiny 1.9mm x 2.2mm Package	PRODUCTION	2	12	94.4k	70	1	SAR	Differential, Single-Ended	I2C	-
AD7608	8-Channel DAS with 18-Bit, Bipolar, Simultaneous Sampling ADC	PRODUCTION	8	18	200k	99.5	2.5	SAR	Single-Ended	Parallel, SPI	100m
AD7606-4	4-Channel DAS with 16-Bit, Bipolar Input, Simultaneous Sampling ADC	PRODUCTION	4	16	200k	95.5	2	SAR	Single-Ended	Parallel, SPI	75m
AD7606-6	6-Channel DAS with 16-Bit, Bipolar Input, Simultaneous Sampling ADC	PRODUCTION	6	16	200k	95.5	2	SAR	Single-Ended	Parallel, SPI	90m
MAX11047	4-/6-/8-Channel, 16-/14-Bit, Simultaneous-Sampling ADCs	PRODUCTION	4	16	250k	92.3	0.65	SAR	Single-Ended	µP/16	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX11048	4-/6-/8-Channel, 16-/14-Bit, Simultaneous-Sampling ADCs	PRODUCTION	6	16	250k	92.3	0.65	SAR	Single-Ended	µP/16	-
MAX11049	4-/6-/8-Channel, 16-/14-Bit, Simultaneous-Sampling ADCs	PRODUCTION	8	16	250k	92.3	0.65	SAR	Single-Ended	µP/16	-
MAX11057	4-/6-/8-Channel, 16-/14-Bit, Simultaneous-Sampling ADCs	PRODUCTION	4	14	250k	85.3	0.2	SAR	Single-Ended	µP/14	-
MAX11059	4-/6-/8-Channel, 16-/14-Bit, Simultaneous-Sampling ADCs	PRODUCTION	8	14	250k	85.3	0.2	SAR	Single-Ended	µP/14	-
AD7195	4.8 kHz, Ultralow Noise, 24-Bit Sigma-Delta ADC with PGA and AC Excitation	RECOMMENDED FOR NEW DESIGNS	2	24	4.8k	-	-	Sigma-Delta	Differential, Pseudo-Differential	SPI	8m
LTC2392-16	16-Bit, 500ksps SAR ADC with 94dB SNR	PRODUCTION	1	16	500k	94	2	SAR	Differential	Parallel, SPI	110m
MAX11646	Low-Power, 1-/2-Channel, I²C, 10-Bit ADCs in Ultra-Tiny 1.9mm x 2.2mm Package	PRODUCTION	2	10	94.4k	60	1	SAR	Differential, Single-Ended	I2C	-
MAX11647	Low-Power, 1-/2-Channel, I²C, 10-Bit ADCs in Ultra-Tiny 1.9mm x 2.2mm Package	PRODUCTION	2	10	94.4k	60	1	SAR	Differential, Single-Ended	I2C	-
LTC2391-16	16-Bit, 250ksps SAR ADC with 94dB SNR	PRODUCTION	1	16	250k	94	2	SAR	Differential	Parallel, SPI	95m
LTC2471	Selectable 208sps/833sps, 16-Bit I2C ΔΣ ADCs with 10ppm/°C Max Precision Reference	PRODUCTION	1	16	833	-	8.5	Sigma-Delta	Single-Ended	I2C	7.5m
LTC2473	Selectable 208sps/833sps, 16-Bit I2C ΔΣ ADCs with 10ppm/°C Max Precision Reference	PRODUCTION	1	16	833	-	8.5	Sigma-Delta	Differential	I2C	10.5m
LTC2393-16	16-Bit, 1Msps SAR ADC With 94dB SNR	PRODUCTION	1	16	1M	94.2	2	SAR	Differential	Parallel, SPI	125m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7298	8-Channel, 1MSPS, 12-Bit SAR ADC with Temperature Sensor	PRODUCTION	8	12	1M	72	1	SAR	Single-Ended	SPI	17.4m
MAX11044	4-/6-/8-Channel, 16-/14-Bit, Simultaneous-Sampling ADCs	PRODUCTION	4	16	250k	92.3	0.4	SAR	Single-Ended	µP/16	-
MAX11045	4-/6-/8-Channel, 16-/14-Bit, Simultaneous-Sampling ADCs	PRODUCTION	6	16	250k	92.3	0.4	SAR	Single-Ended	µP/16	-
MAX11046	4-/6-/8-Channel, 16-/14-Bit, Simultaneous-Sampling ADCs	PRODUCTION	8	16	250k	92.3	0.4	SAR	Single-Ended	µP/16	-
MAX11056	4-/6-/8-Channel, 16-/14-Bit, Simultaneous-Sampling ADCs	PRODUCTION	8	14	250k	85.2	0.13	SAR	Single-Ended	µP/14	-
LTC2470	Selectable 208sps/833sps, 16-Bit ΔΣ ADCs with 10ppm/°C Max Precision Reference	PRODUCTION	1	16	833	-	8.5	Sigma-Delta	Single-Ended	SPI	7.5m
LTC2472	Selectable 208sps/833sps, 16-Bit ΔΣ ADCs with 10ppm/°C Max Precision Reference	PRODUCTION	1	16	833	-	8.5	Sigma-Delta	Differential	SPI	10.5m
AD7291	8-Channel, I2C, 12-Bit SAR ADC with Temperature Sensor	PRODUCTION	8	12	22.22k	71	0.5	SAR	Single-Ended	I2C	12.6m
AD7944	14-Bit, 2.5 MSPS, PulSAR 15.5 mW ADC in LFCSP	PRODUCTION	1	14	2.5M	84.5	1	SAR	Pseudo-Differential	SPI	12m
AD7194	8-Channel, 4.8 kHz, Ultralow Noise, 24-Bit Sigma-Delta ADC with PGA	PRODUCTION	8	24	4.8k	-	-	Sigma-Delta	Differential, Pseudo-Differential	SPI	7.5m
AD7170	12-Bit Low Power Σ−Δ ADC	PRODUCTION	1	12	125	-	-	Sigma-Delta	Differential	SPI	330µ
AD7171	16-Bit, Low Power, Sigma-Delta ADC	PRODUCTION	1	16	125	-	-	Sigma-Delta	Differential	SPI	330µ
AD7193	4-Channel, 4.8 kHz, Ultralow Noise, 24-Bit Sigma-Delta ADC with PGA	PRODUCTION	8	24	4.8k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	28m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2461	Differential Ultra-Tiny, 16-Bit I2C ΔΣ ADCs with 10ppm/°C Max Precision Reference	PRODUCTION	1	16	60	-	8	Sigma-Delta	Single-Ended	I2C	4.5m
LTC2463	Differential Ultra-Tiny, 16-Bit I2C ΔΣ ADCs with 10ppm/°C Max Precision Reference	PRODUCTION	1	16	60	-	8	Sigma-Delta	Differential	I2C	4.5m
MAX11606	Low-Power, 4-/8-/12-Channel, I2C,10-Bit ADCs in Ultra-Small Packages	PRODUCTION	4	10	94.4k	60	1	SAR	Differential, Single-Ended	I2C	-
MAX11607	Low-Power, 4-/8-/12-Channel, I2C,10-Bit ADCs in Ultra-Small Packages	PRODUCTION	4	10	94.4k	60	1	SAR	Differential, Single-Ended	I2C	-
MAX11608	Low-Power, 4-/8-/12-Channel, I2C,10-Bit ADCs in Ultra-Small Packages	PRODUCTION	8	10	94.4k	60	1	SAR	Differential, Single-Ended	I2C	-
MAX11609	Low-Power, 4-/8-/12-Channel, I2C,10-Bit ADCs in Ultra-Small Packages	PRODUCTION	8	10	94.4k	60	1	SAR	Differential, Single-Ended	I2C	-
MAX11610	Low-Power, 4-/8-/12-Channel, I2C,10-Bit ADCs in Ultra-Small Packages	PRODUCTION	12	10	94.4k	60	1	SAR	Differential, Single-Ended	I2C	-
MAX11611	Low-Power, 4-/8-/12-Channel, I2C,10-Bit ADCs in Ultra-Small Packages	PRODUCTION	12	10	94.4k	60	1	SAR	Differential, Single-Ended	I2C	-
MAX11612	Low-Power, 4-/8-/12-Channel, I²C, 12-Bit ADCs in Ultra-Small Packages	PRODUCTION	4	12	94.4k	70	1	SAR	Differential, Single-Ended	I2C	-
MAX11613	Low-Power, 4-/8-/12-Channel, I²C, 12-Bit ADCs in Ultra-Small Packages	PRODUCTION	4	12	94.4k	70	1	SAR	Differential, Single-Ended	I2C	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX11614	Low-Power, 4-/8-/12-Channel, I²C, 12-Bit ADCs in Ultra-Small Packages	PRODUCTION	8	12	94.4k	70	1	SAR	Differential, Single-Ended	I2C	-
MAX11615	Low-Power, 4-/8-/12-Channel, I²C, 12-Bit ADCs in Ultra-Small Packages	PRODUCTION	8	12	94.4k	70	1	SAR	Differential, Single-Ended	I2C	-
MAX11616	Low-Power, 4-/8-/12-Channel, I²C, 12-Bit ADCs in Ultra-Small Packages	PRODUCTION	12	12	94.4k	70	1	SAR	Differential, Single-Ended	I2C	-
MAX11617	Low-Power, 4-/8-/12-Channel, I²C, 12-Bit ADCs in Ultra-Small Packages	RECOMMENDED FOR NEW DESIGNS	12	12	94.4k	70	1	SAR	Differential, Single-Ended	I2C	-
MAX11600	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/8-/12-Channel, 2-Wire Serial 8-Bit ADCs	PRODUCTION	4	8	188k	49	1	SAR	Differential, Single-Ended	I2C	-
MAX11601	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/8-/12-Channel, 2-Wire Serial 8-Bit ADCs	PRODUCTION	4	8	188k	49	1	SAR	Differential, Single-Ended	I2C	-
MAX11602	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/8-/12-Channel, 2-Wire Serial 8-Bit ADCs	PRODUCTION	8	8	188k	49	1	SAR	Differential, Single-Ended	I2C	-
MAX11603	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/8-/12-Channel, 2-Wire Serial 8-Bit ADCs	PRODUCTION	8	8	188k	49	1	SAR	Differential, Single-Ended	I2C	-
MAX11604	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/8-/12-Channel, 2-Wire Serial 8-Bit ADCs	PRODUCTION	12	8	188k	49	1	SAR	Differential, Single-Ended	I2C	-
MAX11605	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/8-/12-Channel, 2-Wire Serial 8-Bit ADCs	PRODUCTION	12	8	188k	49	1	SAR	Differential, Single-Ended	I2C	-
LTC2460	Ultra-Tiny, 16-Bit ΔΣ ADCs with 10ppm/°C Max Precision Reference	PRODUCTION	1	16	60	-	10	Sigma-Delta	Single-Ended	SPI	4.5m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2462	Ultra-Tiny, 16-Bit ΔΣ ADCs with 10ppm/°C Max Precision Reference	PRODUCTION	1	16	60	-	10	Sigma-Delta	Differential	SPI	4.5m
AD7191	Pin-Programmable, Ultralow Noise, 24-Bit, Sigma-Delta ADC for Bridge Sensors	PRODUCTION	2	24	120	-	-	Sigma-Delta	Differential	SPI	22.5m
AD7781	20-Bit, Pin-Programmable, Ultralow Power Sigma-Delta ADC	PRODUCTION	1	20	16.7	-	-	Sigma-Delta	Differential	SPI	2.1m
AD7606	8-Channel DAS with 16-Bit, Bipolar Input, Simultaneous Sampling ADC	PRODUCTION	8	16	200k	95.5	2	SAR	Single-Ended	Parallel, SPI	100m
AD7607	8-Channel DAS with 14-Bit, Bipolar, Simultaneous Sampling ADC	PRODUCTION	8	14	200k	84.5	0.5	SAR	Single-Ended	Parallel, SPI	100m
AD7985	16-Bit, 2.5 MSPS PulSAR 11 mW ADC in QFN	PRODUCTION	1	16	2.5M	90	1.5	SAR	Pseudo-Differential	SPI	28m
AD7986	18-Bit, 2 MSPS PulSAR 15 mW ADC in QFN	PRODUCTION	1	18	2M	97	2.5	SAR	Differential	SPI	29m
AD7780	24-Bit Pin-Programmable Low Power Σ−Δ ADC	PRODUCTION	1	24	16.7	-	-	Sigma-Delta	Differential	SPI	115m
AD9261-10	16-Bit, 10 MHz Bandwidth, 30 MSPS to 160 MSPS Continuous Time Sigma-Delta ADC	NOT RECOMMENDED FOR NEW DESIGNS	1	16	160M	83	-	Sigma-Delta	Differential	SPI	473m
AD9262	16-Bit, 2.5 MHz/5 MHz/10 MHz, 30 MSPS to 160 MSPS Dual Continuous Time Sigma-Delta ADC	NOT RECOMMENDED FOR NEW DESIGNS	2	16	160M	89	-	Sigma-Delta	Differential	SPI	578m
AD9262-10	16-Bit, 2.5 MHz/5 MHz/10 MHz, 30 MSPS to 160 MSPS Dual Continuous Time Sigma-Delta ADC	NOT RECOMMENDED FOR NEW DESIGNS	2	16	160M	83	-	Sigma-Delta	Differential	SPI	688m
AD9262-5	16-Bit, 2.5 MHz/5 MHz/10 MHz, 30 MSPS to 160 MSPS Dual Continuous Time Sigma-Delta ADC	NOT RECOMMENDED FOR NEW DESIGNS	2	16	160M	86	-	Sigma-Delta	Differential	SPI	636m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7192	4.8 kHz Ultra-Low Noise 24-Bit Sigma-Delta ADC with PGA	PRODUCTION	4	24	4.8k	-	-	Sigma-Delta	Differential, Pseudo-Differential	SPI	27.5m
MAX1329	12-/16-Bit DAS with ADC, DACs, DPIOs, APIOs, Reference, Voltage Monitors, and Temp Sensor	PRODUCTION	2	12	300k	-	1	SAR	Differential, Single-Ended	SPI	-
LTC2301	1-Channel, 12-Bit ADCs with I2C Compatible Interface	PRODUCTION	1	12	14k	73.5	1	SAR	Pseudo-Differential, Single-Ended	I2C	1.5m
LTC2305	2-Channel, 12-Bit ADCs with I2C Compatible Interface	PRODUCTION	2	12	14k	73.5	1	SAR	Pseudo-Differential, Single-Ended	I2C	1.5m
MAX11043	4-Channel, 16-Bit, Simultaneous Sampling ADCs with PGA, Filter, and 8-/12-Bit Dual-Stage DAC	PRODUCTION	4	16	800k	-	2	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX1377	Dual, 12-Bit, 1.25Msps, Simultaneous-Sampling ADCs with Serial Interface	PRODUCTION	4	12	1.25M	70	1.25	SAR	Differential, Single-Ended	SPI	-
MAX1379	Dual, 12-Bit, 1.25Msps, Simultaneous-Sampling ADCs with Serial Interface	PRODUCTION	4	12	1.25M	71	1.25	SAR	Differential, Single-Ended	SPI	-
MAX1383	Dual, 12-Bit, 1.25Msps, Simultaneous-Sampling ADCs with Serial Interface	PRODUCTION	4	12	1.25M	71	1.5	SAR	Differential, Single-Ended	SPI	-
AD7625	16-Bit, 6MSPS PulSAR Differential ADC	PRODUCTION	1	16	6M	93	1	SAR	Differential	Serial LVDS	145m
AD7626	16-Bit, 10 MSPS, PulSAR Differential ADC	PRODUCTION	1	16	10M	91	1.5	SAR	Differential	Serial LVDS	150m
AD7190	4.8 kHz Ultralow Noise 24-Bit Sigma-Delta ADC with PGA	PRODUCTION	5	24	4.8k	-	-	Sigma-Delta	Differential, Pseudo-Differential	SPI	36.8m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD1671S	Aerospace 12-Bit 1.25 MSPS ADC	PRODUCTION	1	12	1.25M	-	2.5	Pipeline	Single-Ended	Parallel	750m
AD670S	Aerospace 8-Bit Low Cost Signal Conditioning Single Supply ADC	PRODUCTION	1	8	100k	-	1	SAR	Differential, Single-Ended	Parallel	150m
AD571S	Aerospace 10-Bit Complete Analog to Digital Converter	PRODUCTION	1	10	25k	-	1	SAR	Single-Ended	Parallel	275m
LTC2361	250ksps, 12-Bit Serial ADCs in TSOT-23	PRODUCTION	1	12	250k	73	1	SAR	Single-Ended	SPI	2.25m
LTC2362	500ksps, 12-Bit Serial ADCs in TSOT-23	PRODUCTION	1	12	500k	73	1	SAR	Single-Ended	SPI	3.3m
LTC2366	3Msps, 12-Bit Serial Sampling ADCs in TSOT	PRODUCTION	1	12	3M	73	1	SAR	Single-Ended	SPI	7.8m
AD574S	Aerospace 12-Bit-ADC w/Microprocessor Interface	PRODUCTION	1	12	28.6k	-	1	SAR	Single-Ended	Parallel	725m
LTC2360	100ksps, 12-Bit Serial ADCs in TSOT-23	PRODUCTION	1	12	100k	73	1	SAR	Single-Ended	SPI	1.5m
LTC2365	1Msps, 12-Bit Serial Sampling ADCs in TSOT	PRODUCTION	1	12	1M	73	1	SAR	Single-Ended	SPI	6m
LTC2452	Ultra-Tiny, Differential, 16-Bit ΔΣ ADC with SPI Interface	PRODUCTION	1	16	60	-	10	Sigma-Delta	Differential	SPI	2.4m
AD7714	CMOS, 3V/5V, 500 µA, 24-Bit Sigma-Delta, Signal Conditioning ADC	PRODUCTION	5	24	1k	-	-	Sigma-Delta	Differential	SPI	7m
AD7400	Isolated Sigma-Delta Modulator	PRODUCTION	1	16	10M	71	15	Sigma-Delta Modulator	Differential	Isolated Serial	82m
AD7400A	Isolated Sigma-Delta Modulator	PRODUCTION	1	16	10M	71	12	Sigma-Delta Modulator	Differential, Pseudo-Differential	Isolated Serial	65m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7401	Isolated Sigma-Delta Modulator	PRODUCTION	1	16	20M	80	15	Sigma-Delta Modulator	Differential, Pseudo-Differential	Isolated Serial	73.2m
AD7401A	Isolated Sigma-Delta Modulator	PRODUCTION	1	16	20M	80	7	Sigma-Delta Modulator	Differential, Pseudo-Differential	Isolated Serial	93.5m
AD7732	2-Channel, ±10 V Input Range, High Throughput, 24-Bit Sigma-Delta ADC	PRODUCTION	2	24	15.4k	-	-	Sigma-Delta	Differential	SPI	100m
AD7734	4-Channel, ±10 V Input Range, High Throughput, 24-Bit Sigma-Delta A/D Converter	PRODUCTION	4	24	15.4k	-	-	Sigma-Delta	Single-Ended	SPI	100m
AD7738	8-Channel, 8.5 kHz, 24-Bit Sigma-Delta A/D Converter	PRODUCTION	8	24	15.4k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	100m
AD7854	3 V to 5 V Single Supply, 200 kSPS, 12-Bit, Parallel Sampling ADC	PRODUCTION	1	12	200k	72	1	SAR	Differential	Parallel	30m
AD7854-200	3 V to 5 V Single Supply, 200 kSPS, 12-Bit, Parallel Sampling ADC	PRODUCTION	1	12	200k	72	1	SAR	Differential, Single-Ended	Parallel	30m
AD7854L-100	3 V to 5 V Single Supply, 200 kSPS, 12-Bit, Parallel Sampling ADC	PRODUCTION	1	12	100k	72	1	SAR	Differential, Single-Ended	Parallel	10m
AD7859-200	3 V to 5 V Single Supply, 200 kSPS 8-Channel, 12-Bit, Parallel Sampling ADCs	PRODUCTION	8	12	200k	72	1	SAR	Single-Ended	Parallel	30m
AD7859L-100	3 V to 5 V Single Supply, 200 kSPS 8-Channel, 12-Bit, Parallel Sampling ADCs	PRODUCTION	8	12	100k	72	1	SAR	Single-Ended	Parallel	10m
AD7982	18-Bit, 1 MSPS PulSAR ADC in MSOP/LFCSP	PRODUCTION	1	18	1M	98	1	SAR	Differential	SPI	7m
AD7984	18-Bit, 1.33 MSPS PulSAR 10.5 mW ADC in MSOP/QFN	PRODUCTION	1	18	1.33M	98.5	2.25	SAR	Differential	SPI	10.5m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7466	1.6 V Micro-Power 12-Bit ADC	PRODUCTION	1	12	200k	71	1.5	SAR	Single-Ended	SPI	900µ
AD7467	1.6 V Micro-Power 10-Bit ADC	PRODUCTION	1	10	200k	-	0.5	SAR	Single-Ended	SPI	630µ
AD7468	1.6 V Micro-Power 8-Bit ADC	PRODUCTION	1	8	320k	-	0.2	SAR	Single-Ended	SPI	570µ
AD7684	16-Bit, 100 kSPS PulSAR®, Differential ADC in MSOP	PRODUCTION	1	16	100k	91	3	SAR	Differential	SPI	4m
AD7718	24-Bit, 8/10-Channel, Low Voltage, Low Power, Sigma Delta ADC	PRODUCTION	10	24	1.365k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	8.75m
AD7729	3 V, Dual Sigma-Delta ADC with Auxiliary DAC	PRODUCTION	2	15	270.8k	-	4	Sigma-Delta	Differential, Single-Ended	SPI	59m
AD7682	16-Bit, 4-Channel, 250 kSPS PulSAR ADC	PRODUCTION	4	16	250k	93.5	1.5	SAR	Differential, Single-Ended	SPI	12.5m
AD7699	16-Bit, 8-Channel, 500 kSPS PulSAR ADC	PRODUCTION	8	16	500k	92.5	1.5	SAR	Differential, Single-Ended	SPI	26m
AD7949	14-Bit, 8-Channel, 250 kSPS PulSAR ADC	PRODUCTION	8	14	250k	85.5	1	SAR	Differential, Single-Ended	SPI	10.8m
LTC2451	Ultra-Tiny, 16-Bit ΔΣ ADC with I2C Interface	PRODUCTION	1	16	60	-	10	Sigma-Delta	Single-Ended	I2C	1.2m
LTC2302	Low Noise, 500ksps, 1-/2-Channel, 12-Bit ADCs	PRODUCTION	1	12	500k	73.2	1	SAR	Pseudo-Differential, Single-Ended	SPI	14m
LTC2306	Low Noise, 500ksps, 2-Channel, 12-Bit ADC	PRODUCTION	2	12	500k	73.2	1	SAR	Pseudo-Differential, Single-Ended	SPI	14m
LTC2309	8-Channel, 12-Bit SAR ADC with I2C Interface	PRODUCTION	8	12	14k	73.4	1	SAR	Pseudo-Differential, Single-Ended	I2C	1.5m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7983	16-Bit, 1.33 MSPS PulSAR ADC in MSOP/LFCSP	PRODUCTION	1	16	1.33M	92	1	SAR	Pseudo-Differential	SPI	10.5m
LTC2453	Ultra-Tiny, Differential, 16-Bit ΔΣ ADC With I2C Interface	PRODUCTION	1	16	60	-	10	Sigma-Delta	Differential	I2C	4m
AD7357	Differential Input, Dual, Simultaneous Sampling, 4.25 MSPS, 14-Bit, SAR ADC	PRODUCTION	2	14	4.2M	76.5	3	SAR	Differential	SPI	36m
AD7689	16-Bit, 8-Channel, 250 kSPS PulSAR ADC	PRODUCTION	8	16	250k	90	1.5	SAR	Differential, Single-Ended	SPI	12.5m
AD7366	True Bipolar Input, Dual 12-Bit, 2-Channel, Simultaneous Sampling SAR ADC	PRODUCTION	4	12	1M	72	1	SAR	Single-Ended	SPI	88.8m
AD7367	True Bipolar Input, Dual 14-Bit, 2-Channel, Simultaneous Sampling SAR ADC	PRODUCTION	4	14	1M	76	3.5	SAR	Differential, Single-Ended	SPI	88.7m
AD7352	Differential Input, Dual, Simultaneous Sampling, 3 MSPS, 12-Bit, SAR ADC	PRODUCTION	2	12	3M	71.5	1	SAR	Differential	SPI	26m
AD7656-1	250 kSPS, 6-Channel, Simultaneous Sampling, Bipolar 16-Bit ADC	PRODUCTION	6	16	250k	88	3	SAR	Single-Ended	Parallel, SPI	140m
AD7657-1	250 kSPS, 6-Channel, Simultaneous Sampling, Bipolar 14-Bit ADC	PRODUCTION	6	14	250k	83.5	1	SAR	Single-Ended	Parallel, SPI	140m
AD7658-1	250 kSPS, 6-Channel, Simultaneous Sampling, Bipolar 12-Bit ADC	PRODUCTION	6	12	250k	73.5	0.5	SAR	Single-Ended	Parallel, SPI	140m
AD7991	4-Channel, 12-Bit ADC with I2C Compatible Interface in 8-Lead SOT-23	PRODUCTION	4	12	140k	71	1	SAR	Single-Ended	I2C	4.68m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7995	4-Channel, 10-Bit ADC with I2C Compatible Interface in 8-Lead SOT-23	PRODUCTION	4	10	140k	71	0.4	SAR	Single-Ended	I2C	4.4m
AD7999	4-Channel, 8-Bit ADC with I2C Compatible Interface in 8-Lead SOT-23	PRODUCTION	4	8	140k	71	0.1	SAR	Single-Ended	I2C	4.7m
LTC2308	Low Noise, 500ksps, 8-Channel, 12-Bit ADC	PRODUCTION	8	12	500k	73.3	1	SAR	Pseudo-Differential, Single-Ended	SPI	17.5m
AD7766	24-Bit, 8.5 mW, 109 dB, 128 kSPS/64 kSPS/32 kSPS ADCs	PRODUCTION	1	24	128k	108.5	-	SAR	Differential	SPI	18m
AD7767	24-Bit, 15 mW, 109 dB, 128 kSPS/64 kSPS/32 kSPS ADCs	PRODUCTION	1	24	128k	108.5	-	SAR	Differential	SPI	18m
AD7980	16-Bit, 1 MSPS, PulSAR ADC in MSOP/LFCSP	PRODUCTION	1	16	1M	91.5	1.5	SAR	Pseudo-Differential	SPI	7m
AD7366-5	True Bipolar Input, 12-Bit, 2-Channel, Simultaneous Sampling SAR ADC	PRODUCTION	2	12	500k	72	1	SAR	Differential	SPI	54.5m
AD7367-5	True Bipolar Input, 14-Bit, 2-Channel, Simultaneous Sampling SAR ADC	PRODUCTION	2	14	500k	76	3.5	SAR	Differential	SPI	54.5m
AD7621	16-Bit, 2 LSB INL, 3 MSPS PulSAR® ADC	PRODUCTION	1	16	3M	90	2	SAR	Differential	Parallel, SPI	70m
LTC2450-1	Easy-to-Use, Ultra-Tiny 16-Bit ΔΣ ADC	PRODUCTION	1	16	60	-	9.83	Sigma-Delta	Single-Ended	SPI	1.05m
AD7765	24-Bit, 156 kSPS, 112 dB Sigma-Delta ADC with On-Chip Buffers and Serial Interface	PRODUCTION	1	24	156k	109	-	Sigma-Delta	Differential	SPI	371m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7764	24-Bit, 312 kSPS, 109 dB Sigma-Delta ADC with On-Chip Buffers and Serial Interface	PRODUCTION	1	24	312k	109	-	Sigma-Delta	Differential	SPI	371m
LTC2450	Easy-to-Use, Ultra-Tiny 16-Bit ΔΣ ADC	PRODUCTION	1	16	30	-	9.83	Sigma-Delta	Single-Ended	SPI	1.05m
AD7785	3-Channel, Low Noise, Low Power, 20-Bit Σ-Δ ADC with On-Chip In-Amp and Reference	PRODUCTION	3	20	470	-	-	Sigma-Delta	Differential	SPI	2.5m
AD7817	Temperature Sensor (On Chip) 4-Channel, 9 µs, 10-Bit ADC	PRODUCTION	4	10	100k	-	1	SAR	Single-Ended	SPI	4.8m
AD7356	Differential Input, Dual, Simultaneous Sampling, 5 MSPS, 12-Bit, SAR ADC	PRODUCTION	2	12	5M	71.5	1	SAR	Differential	SPI	36m
LTC1856	8-Channel, ±10V Input 16-Bit, 100ksps ADC Converter with Shutdown	PRODUCTION	8	16	100k	87	3	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	40m
AD7262	1 MSPS, 12-Bit, Simultaneous Sampling SAR ADC with PGA and Four Comparators	PRODUCTION	2	12	1M	73	1	SAR	Differential	SPI	175m
AD7262-5	1 MSPS, 12-Bit, Simultaneous Sampling SAR ADC with PGA and Four Comparators	PRODUCTION	2	12	500k	73	1	SAR	Differential	SPI	175m
AD7264	1 MSPS, 14-Bit, Simultaneous Sampling SAR ADC with PGA and Four Comparators	PRODUCTION	2	14	1M	78	3	SAR	Differential	SPI	175m
AD7264-5	1 MSPS, 14-Bit, Simultaneous Sampling SAR ADC with PGA and Four Comparators	PRODUCTION	2	14	1M	78	3	SAR	Differential	SPI	175m
AD7686	500 kSPS 16-BIT PulSAR® A/D Converter in MSOP/QFN	PRODUCTION	1	16	500k	92.7	2	SAR	Pseudo-Differential	SPI	15m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7690	18-Bit, 1.5 LSB INL, 400 kSPS PulSAR® Differential ADC in MSOP/QFN	PRODUCTION	1	18	400k	101.5	1.5	SAR	Differential	SPI	17m
AD7685	16-Bit, 250 kSPS PulSAR® ADC in MSOP/QFN	PRODUCTION	1	16	250k	93.5	2	SAR	Pseudo-Differential	SPI	10m
AD7792	3-Channel, Low Noise, Low Power, 16-Bit Sigma Delta ADC with On-Chip In-Amp and Reference	PRODUCTION	3	16	470	-	-	Sigma-Delta	Differential	SPI	2.5m
AD7793	3-Channel, Low Noise, Low Power, 24-Bit Sigma Delta ADC with On-Chip In-Amp and Reference	PRODUCTION	3	24	470	-	-	Sigma-Delta	Differential	SPI	2.5m
AD7794	6-Channel, Low Noise, Low Power, 24-Bit Sigma Delta ADC with On-Chip In-Amp and Reference	PRODUCTION	6	24	470	-	-	Sigma-Delta	Differential	SPI	2.5m
AD7795	6-Channel, Low Noise, Low Power, 16-Bit Sigma Delta ADC with On-Chip In-Amp and Reference	PRODUCTION	6	16	470	-	-	Sigma-Delta	Differential	SPI	2.5m
LTC2355-12	Serial 12-Bit, 3.5Msps Sampling ADCs with Shutdown	PRODUCTION	1	12	3.5M	71.1	2	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	18m
LTC2355-14	Serial 14-Bit, 3.5Msps Sampling ADCs with Unipolar input	PRODUCTION	1	14	3.5M	74.2	4	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	18m
LTC2487	16-Bit 2-/4-Channel ΔΣ ADC with PGA, Easy Drive and I2C Interface	PRODUCTION	4	16	15	-	1.31	Sigma-Delta	Differential, Single-Ended	I2C	800µ
LTC2489	16-Bit 2-/4-Channel ΔΣ ADC with Easy Drive Input Current Cancellation and I2C Interface	PRODUCTION	4	16	6.8	-	1.31	Sigma-Delta	Differential, Single-Ended	I2C	480µ

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2493	24-Bit 2-/4-Channel ΔΣ ADC with Easy Drive Input Current Cancellation and I2C Interface	PRODUCTION	4	24	15	-	167.7	Sigma-Delta	Differential, Single-Ended	I2C	480µ
AD7798	3-Channel, Low Noise, Low Power, 16-Bit, Sigma Delta ADC with On-Chip In-Amp	PRODUCTION	3	16	470	-	-	Sigma-Delta	Differential	SPI	2m
AD7799	3-Channel, Low Noise, Low Power, 24-Bit, Sigma Delta ADC with On-Chip In-Amp	PRODUCTION	3	24	470	-	251.66	Sigma-Delta	Differential	SPI	2.5m
AD7441	Pseudo Differential Input, 1 MSPS, 10-Bit ADC in an 8-Lead SOT-23	PRODUCTION	1	10	1M	-	1	SAR	Differential	SPI	9.3m
AD7451	Pseudo Differential Input, 1 MSPS, 12-Bit ADC in an 8-Lead SOT-23	PRODUCTION	1	12	1M	-	1	SAR	Differential	SPI	9.25m
AD7631	18-Bit, 250 kSPS, Differential Programmable Input PulSAR® ADC	PRODUCTION	1	18	250k	100.5	2.5	SAR	Differential	Parallel, SPI	94m
AD7634	18-Bit, 670 kSPS, Differential Programmable Input PulSAR® ADC	PRODUCTION	1	18	670k	100.5	2.5	SAR	Differential	Parallel, SPI	195m
AD7952	14-Bit, 1 MSPS, Differential, Programmable Input PulSAR® ADC	PRODUCTION	1	14	1M	85.5	1	SAR	Differential	Parallel, SPI	235m
AD10200	Dual Channel, 12-Bit, 105 MSPS IF Sampling A/D Converter With Analog Input Signal Conditioning	LAST TIME BUY	2	12	105M	67	3	Pipeline	Differential	Parallel	2.2
AD7933	4-Channel, 1.5 MSPS, 10-Bit Parallel ADC with a Sequencer	PRODUCTION	4	10	1.5M	-	0.5	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	16m
AD7934	4-Channel, 1.5 MSPS, 12-Bit Parallel ADC with a Sequencer	PRODUCTION	4	12	1.5M	-	1	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	16m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7938	8-Channel, 1.5 MSPS, 12-Bit Parallel ADCs with a Sequencer	PRODUCTION	8	12	1.5M	-	1	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	16m
AD7938-6	8-Channel, 625 kSPS, 12-Bit Parallel ADCs with a Sequencer	PRODUCTION	8	12	625k	-	1	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	7.5m
AD7939	8-Channel, 1.5 MSPS, 10-Bit Parallel ADCs with a Sequencer	PRODUCTION	8	10	1.5M	-	0.5	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	16m
AD7934-6	4-Channel, 625 kSPS, 12-Bit Parallel ADC with a Sequencer	PRODUCTION	4	12	625k	-	1	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	7.5m
AD7927	8-Channel, 200 kSPS, 12-Bit ADC with Sequencer in 20-Lead TSSOP	PRODUCTION	8	12	200k	-	1	SAR	Single-Ended	SPI	7.5m
AD7760	2.5 MSPS, 24-Bit, 100 dB Sigma-Delta ADC with On-Chip Buffer	PRODUCTION	1	24	2.5M	100	-	Sigma-Delta	Differential	Parallel	958m
LTC2351-12	6 Channel, 12-Bit, 1.5Msps Simultaneous Sampling ADC with Shutdown	PRODUCTION	6	12	1.5M	72	1	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	16.5m
LTC2351-14	6 Channel, 14-Bit, 1.5Msps Simultaneous Sampling ADC with Shutdown	PRODUCTION	6	14	1.5M	75	3	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	16.5m
LTC2486	16-Bit 2-/4-Channel ΔΣ ADC with PGA and Easy Drive Input Current Cancellation	PRODUCTION	4	16	15	-	1.31	Sigma-Delta	Differential, Single-Ended	SPI	800µ
AD7452	Differential Input, 555 kSPS, 12-Bit A/D Converter in 8-Lead SOT-23	PRODUCTION	1	12	555k	-	1	SAR	Differential	SPI	7.25m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2494	16-Bit 8-/16-Channel ΔΣ ADC with PGA and Easy Drive Input Current Cancellation	PRODUCTION	16	16	15	-	1.31	Sigma-Delta	Differential, Single-Ended	SPI	480µ
LTC2495	16-Bit 8-/16-Channel ΔΣ ADC with PGA, Easy Drive and I2C Interface	PRODUCTION	16	16	15	-	1.31	Sigma-Delta	Differential, Single-Ended	I2C	480µ
LTC2356-12	Serial 12-Bit, 3.5Msps Sampling ADC with Shutdown	PRODUCTION	1	12	3.5M	71.1	2	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	18m
LTC2356-14	Serial 14-Bit, 3.5Msps Sampling ADC with Bipolar inputs	PRODUCTION	1	14	3.5M	74.1	4	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	18m
AD7693	16-Bit, ±0.5 LSB, 500 kSPS PulSAR® Differential A/D Converter in MSOP/QFN	PRODUCTION	1	16	500k	96	0.5	SAR	Differential	SPI	18m
LTC2497	16-Bit 8-/16-Channel ΔΣ ADC with Easy Drive Input Current Cancellation and I2C Interface	PRODUCTION	16	16	6.8	-	1.31	Sigma-Delta	Differential, Single-Ended	I2C	480µ
LTC2499	24-Bit 8-/16-Channel ΔΣ ADC with Easy Drive Input Current Cancellation and I2C Interface	PRODUCTION	16	24	15	-	167.7	Sigma-Delta	Differential, Single-Ended	I2C	480µ
AD7266	Differential/Single-Ended Input, Dual 2 MSPS, 12-Bit, 3-Channel SAR ADC	PRODUCTION	6	12	2M	-	1	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	33.6m
AD7863	Simultaneous Sampling Dual 175 kSPS 14-Bit A/D Converter	PRODUCTION	4	14	175k	-	2	SAR	Single-Ended	Parallel	52.5m
AD7265	Differential/Single-Ended Input, Dual 1 MSPS, 12-Bit, 3-Channel SAR ADC	PRODUCTION	12	12	1M	-	1	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	21m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1300	8- and 4-Channel, ±3 x VREF Multirange Inputs, Serial 16-Bit ADCs	PRODUCTION	8	16	115k	91	1	SAR	Differential, Single-Ended	SPI	-
MAX1301	8- and 4-Channel, ±3 x VREF Multirange Inputs, Serial 16-Bit ADCs	PRODUCTION	4	16	115k	91	1	SAR	Differential, Single-Ended	SPI	-
LTC2488	16-Bit 2-/4-Channel ΔΣ ADC with Easy Drive Input Current Cancellation	PRODUCTION	4	16	6.8	-	1.31	Sigma-Delta	Differential, Single-Ended	SPI	800µ
AD7610	16-Bit, 250 kSPS, Unipolar/Bipolar Programmable Input PulSAR® ADC	PRODUCTION	1	16	250k	94	1.5	SAR	Pseudo-Differential	Parallel, SPI	90m
AD7951	14-Bit, 1 MSPS, Unipolar/Bipolar Programmable Input PulSAR® ADC	PRODUCTION	1	14	1M	85.5	1	SAR	Pseudo-Differential	Parallel, SPI	235m
AD7612	16-Bit, 750 kSPS, Unipolar/Bipolar Programmable Input PulSAR® ADC	PRODUCTION	1	16	750k	94	1.5	SAR	Pseudo-Differential	Parallel, SPI	205m
AD7890	LC2MOS 8-Channel, 12-Bit Serial Data Acquisition System	PRODUCTION	8	12	117k	-	0.5	SAR	Single-Ended	SPI	50m
AD7887	2.7 V to 5.25 V, Micropower, 2-Channel, 125 kSPS, 12-Bit ADC in 8-Lead MSOP	PRODUCTION	2	12	125k	71	1	SAR	Single-Ended	SPI	3.5m
AD7822	3 V/5 V, 2 MSPS, 8-Bit, 1-/4-/8-Channel Sampling ADCs	PRODUCTION	1	8	2M	-	0.75	Pipeline	Single-Ended	Parallel	60m
AD7825	3 V/5 V, 2 MSPS, 8-Bit, 1-/4-/8-Channel Sampling ADCs	PRODUCTION	4	8	2M	-	0.75	Pipeline	Single-Ended	Parallel	36m
LTC2496	16-Bit 8-/16-Channel ΔΣ ADC with Easy Drive Input Current Cancellation	PRODUCTION	16	16	6.8	-	1.31	Sigma-Delta	Differential, Single-Ended	SPI	800µ
LTC2498	24-Bit 8-/16-Channel ΔΣ ADC with Easy Drive Input Current Cancellation	PRODUCTION	16	24	15	-	167.7	Sigma-Delta	Differential, Single-Ended	SPI	480µ

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7796	Low Power 16-Bit Sigma-Delta A/D Converter for Bridge Sensors	PRODUCTION	1	16	123	-	-	Sigma-Delta	Differential	SPI	1.6m
AD7797	Low Power 24-Bit Sigma-Delta A/D Converter for Bridge Sensors	PRODUCTION	1	24	123	-	-	Sigma-Delta	Differential	SPI	1.6m
AD7691	18-Bit, 1.5 LSB INL, 250 kSPS PulSAR® Differential ADC in MSOP/QFN	PRODUCTION	1	18	250k	101.5	1.5	SAR	Differential	SPI	10.6m
MAX1032	8- and 4-Channel, ±3 x VREF Multirange Inputs, Serial 14-Bit ADCs	PRODUCTION	8	14	115k	85	0.25	SAR	Differential, Single-Ended	SPI	-
MAX1033	8- and 4-Channel, ±3 x VREF Multirange Inputs, Serial 14-Bit ADCs	PRODUCTION	4	14	115k	85	0.25	SAR	Differential, Single-Ended	SPI	-
AD7829-1	3 V/5 V, 2 MSPS, 8-Bit, 8-Channel ADC	PRODUCTION	8	8	2M	-	0.75	Flash	Single-Ended	Parallel	36m
MAX1221	12-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	PRODUCTION	8	12	300k	70	0.5	SAR	Differential, Single-Ended	SPI	-
MAX1223	12-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	PRODUCTION	12	12	300k	70	0.5	SAR	Differential, Single-Ended	SPI	-
MAX1343	12-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	PRODUCTION	8	12	300k	-	0.5	SAR	Differential, Single-Ended	SPI	-
AD7908	8-Channel, 1 MSPS, 8-Bit ADC with Sequencer in 20-Lead TSSOP	PRODUCTION	8	8	1M	-	0.2	SAR	Single-Ended	SPI	13.5m
AD7918	8-Channel, 1 MSPS, 10-Bit ADC with Sequencer in 20-Lead TSSOP	PRODUCTION	8	10	1M	-	0.5	SAR	Single-Ended	SPI	13.5m
AD7928	8-Channel, 1 MSPS, 12-Bit ADC with Sequencer in 20-Lead TSSOP	PRODUCTION	8	12	1M	-	1	SAR	Single-Ended	SPI	13.5m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7622	16-Bit, 1.5 LSB INL, 2 MSPS PulSAR® ADC	PRODUCTION	1	16	2M	92	1.5	SAR	Differential	Parallel, SPI	70m
AD7658	250 kSPS, 6-Channel,SimultaneousSampling, Bipolar 12-Bit A/D Converter	PRODUCTION	6	12	250k	73.5	1	SAR	Single-Ended	Parallel, SPI	143m
AD7705	3V/5V, 1 mW, 2-Channel Differential, 16-Bit Sigma-Delta ADC	PRODUCTION	2	16	500	-	-	Sigma-Delta	Differential	SPI	6.5m
AD7706	3V/5V, 1mW, 3-Channel Pseudo Differential, 16-Bit Sigma-Delta ADC	PRODUCTION	3	16	500	-	-	Sigma-Delta	Pseudo-Differential	SPI	6.5m
AD7492	1MSPS, 4mW Internal Ref & Clk, 12-Bit Parallel ADC	PRODUCTION	1	12	1.25M	70	1	SAR	Single-Ended	Parallel	16.5m
AD7492-4	1MSPS, 4mW Internal Ref & Clk, 12-Bit Parallel ADC	PRODUCTION	1	12	400k	70	1	SAR	Single-Ended	Parallel	15m
AD7492-5	1MSPS, 4mW Internal Ref & Clk, 12-Bit Parallel ADC	PRODUCTION	1	12	1.25M	70	1.25	SAR	Single-Ended	Parallel	16.5m
AD7656	250 kSPS, 6-Channel, Simultaneous Sampling Bipolar 16-Bit ADC	PRODUCTION	6	16	250k	86.5	4.5	SAR	Single-Ended	Parallel, SPI	143m
AD7657	250 kSPS, 6-Channel, Simultaneous Sampling, Bipolar, 14-Bit A/D Converter	PRODUCTION	6	14	250k	83.5	1.5	SAR	Single-Ended	Parallel, SPI	143m
AD7643	18-Bit, 1.25 MSPS PulSAR® A/D Converter	PRODUCTION	1	18	1.25M	93.5	3	SAR	Differential	Parallel, SPI	65m
AD7329	1 MSPS , 8-Channel, Software Selectable True Bipolar Input, 12-Bit Plus Sign A/D Converter	PRODUCTION	8	13	1M	77	1	SAR	Differential, Single-Ended	SPI	30m
AD7322	Software Selectable True Bipolar Input, 2-Channel, 12-Bit Plus Sign ADC	PRODUCTION	2	13	1M	76	1	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	30m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7328	Software Selectable, True Bipolar Input, 8-Channel, 12-Bit Plus Sign A/D Converter	PRODUCTION	8	13	1M	-	1	SAR	Differential, Single-Ended	SPI	29m
AD7641	18-Bit, 2 MSPS SAR ADC	PRODUCTION	1	18	2M	93.5	3.5	SAR	Differential	Parallel, SPI	75m
AD7476A	12-Bit, 1 MSPS, Low-Power A/D Converter in SC70 and MSOP Packages	PRODUCTION	1	12	1M	-	1.5	SAR	Single-Ended	SPI	17.5m
AD7477A	10-Bit, 1 MSPS, Low-Power A/D Converter in SC70 and MSOP Packages	PRODUCTION	1	10	1M	-	0.5	SAR	Single-Ended	SPI	17.5m
AD7478A	8-Bit, 1 MSPS, Low-Power A/D Converter in SC70 and MSOP Packages	PRODUCTION	1	8	1.2M	-	0.3	SAR	Single-Ended	SPI	17.5m
AD7476	1MSPS, 12-Bit ADC in 6 Lead SOT-23	PRODUCTION	1	12	1M	72.5	1.5	SAR	Single-Ended	SPI	17.5m
AD7477	1MSPS, 10-Bit ADC in 6 Lead SOT-23	PRODUCTION	1	10	1M	-	1	SAR	Single-Ended	SPI	17.5m
AD7478	8-Bit, 1 MSPS, Low Power Successive Approximation ADC Which Operates From A Single 2.35 V to 5.25 V Power Supply	PRODUCTION	1	8	1M	-	0.5	SAR	Single-Ended	SPI	17.5m
LTC1854	8-Channel, ±10V Input 12-Bit, 100ksps ADC Converter with Shutdown	PRODUCTION	8	12	100k	74	1	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	40m
LTC1855	8-Channel, ±10V Input 14-Bit, 100ksps ADC Converter with Shutdown	PRODUCTION	8	14	100k	83	1.5	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	40m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC1408	6 Channel, 14-Bit, 600ksps Simultaneous Sampling ADC with Shutdown	PRODUCTION	6	14	600k	76	3	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	15m
LTC1408-12	6 Channel, 12-Bit, 600ksps Simultaneous Sampling ADC with Shutdown	PRODUCTION	6	12	600k	72	1	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	15m
AD7321	500 kSPS, 2-Channel, Software-Selectable, True Bipolar Input, 12-Bit Plus Sign ADC	PRODUCTION	2	13	500k	76	1	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	17m
AD7323	500 kSPS, 4-Channel, Software Selectable True bipolar Input, 12-Bit Plus Sign A/D Converter	PRODUCTION	4	13	500k	76	1	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	17m
AD7324	Software Selectable True Bipolar Input, 4-Channel, 12-Bit Plus Sign A/D Converter	PRODUCTION	4	13	1M	76	1	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	30m
AD7327	500 kSPS, 8-Channel, Software Selectable True bipolar Input, 12-Bit Plus Sign A/D Converter	PRODUCTION	8	13	500k	76	1	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	17m
AD7818	Temperature Sensor (On-Chip) Single-Channel, 9 µs, 10-Bit ADC	PRODUCTION	1	10	100k	-	1	SAR	Single-Ended	SPI	3.9m
AD7763	24-Bit, 625 kSPS, 109 dB Sigma-Delta ADC with On-Chip Buffers, Serial Interface	PRODUCTION	1	24	625k	112	-	Sigma-Delta	Differential	I²S	956m
LTC2442	24-Bit High Speed 4-Channel ΔΣ ADC with Integrated Amplifier	PRODUCTION	4	24	8k	-	167.7	Sigma-Delta	Differential, Single-Ended	SPI	50m
AD7762	625 kSPS, 24-Bit, 109 dB Sigma-Delta ADC with On-Chip Buffer	PRODUCTION	1	24	625k	112	-	Sigma-Delta	Differential	Parallel	958m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7910	250 kSPS, 10-Bit ADC in 6 Lead SC70	PRODUCTION	1	10	250k	-	0.5	SAR	Single-Ended	SPI	15m
AD7920	250 kSPS, 12- Bit ADC in 6 Lead SC70	PRODUCTION	1	12	250k	-	1.5	SAR	Single-Ended	SPI	15m
AD7273	3 MSPS 10-Bit ADC in TSOT and MSOP Packages	PRODUCTION	1	10	3M	-	0.5	SAR	Single-Ended	SPI	11.4m
AD7274	3 MSPS 12-Bit A/D Converter in TSOT and MSOP Packages	PRODUCTION	1	12	3M	-	1	SAR	Single-Ended	SPI	11.4m
LTC2481	16-Bit ΔΣ ADC with Easy Drive Input Current Cancellation and I²C Interface	PRODUCTION	1	16	15	-	0.65	Sigma-Delta	Differential	I2C	480µ
LTC2483	16-Bit ΔΣ ADC with Easy Drive Input Current Cancellation and I2C Interface	PRODUCTION	1	16	6.8	-	0.65	Sigma-Delta	Differential	I2C	480µ
LTC2485	24-Bit ΔΣ ADC with Easy Drive Input Current Cancellation and I2C Interface	PRODUCTION	1	24	15	-	167.7	Sigma-Delta	Differential	I2C	480µ
AD7440	Differential Input, 1 MSPS, 12- (AD7450A) & 10-Bit (AD7440) ADCs	PRODUCTION	1	10	1M	-	0.5	SAR	Differential	SPI	9m
AD7450A	Differential Input, 1 MSPS, 12- (AD7450A) & 10-Bit (AD7440) ADCs	PRODUCTION	1	12	1M	-	1	SAR	Differential	SPI	9m
AD7923	4-Channel 200 kSPS, 12-Bit A/D Converter with Sequencer in 16-Lead TSSOP	PRODUCTION	4	12	200k	-	1	SAR	Single-Ended	SPI	7.5m
LTC2202	16-Bit, 10Msps ADC	PRODUCTION	1	16	10M	81.6	4	Pipeline	Differential	Parallel	140m
AD7623	16-Bit, 1.33 MSPS PulSAR® A/D Converter	PRODUCTION	1	16	1.33M	89.5	2	SAR	Differential	Parallel, SPI	50m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7701	16-Bit Sigma-Delta ADC	PRODUCTION	1	16	4k	-	-	Sigma-Delta	Single-Ended	SPI	37m
AD7703	20-Bit A/D Converter	PRODUCTION	1	20	4k	-	-	Sigma-Delta	Single-Ended	SPI	37m
AD7708	16-Bit 8/10-Channel, Low Voltage, Low Power, Sigma Delta ADC	PRODUCTION	10	16	1.365k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	8.75m
AD7709	16-Bit Sigma Delta ADC with Current Sources, Switchable Reference Inputs and I/O Port	PRODUCTION	4	16	105	-	-	Sigma-Delta	Differential, Single-Ended	SPI	8.8m
AD7711	CMOS, 24-Bit Sigma-Delta, Signal Conditioning ADC with Matched RTD Excitation Currents	PRODUCTION	2	24	1.028k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	53m
AD7713	CMOS, Low Power 24-Bit Sigma-Delta, Signal Conditioning ADC with Matched RTD Current Sources	PRODUCTION	3	24	205	-	-	Sigma-Delta	Differential, Single-Ended	SPI	5.5m
AD7719	Low Voltage, Low Power, 16-/24-Bit, Dual Sigma Delta ADC	PRODUCTION	6	24	105	-	-	Sigma-Delta	Differential	SPI	10m
AD7721	CMOS, 12-/16-Bit, 312.5 kHz/468.75 kHz Sigma-Delta ADC	PRODUCTION	1	16	468.75k	-	16	Sigma-Delta	Differential	Parallel, SPI	150m
AD7722	16-Bit, 195 kSPS CMOS, Sigma-Delta ADC	PRODUCTION	1	16	195.3k	-	-	Sigma-Delta	Differential	Parallel, SPI	375m
AD7730L	CMOS, 24-Bit Low Power Sigma-Delta ADC for Bridge Transducer Applications	PRODUCTION	2	24	600	-	-	Sigma-Delta	Differential	SPI	32.5m
AD7739	8-Channel, 4 kHz, 24-Bit Sigma-Delta A/D Converter	PRODUCTION	8	24	15.1k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	100m
AD7787	Low Power, 2-Channel 24-Bit Sigma-Delta ADC	PRODUCTION	2	24	120	-	-	Sigma-Delta	Differential, Single-Ended	SPI	800µ
AD7851	14-Bit, 333 kSPS, Serial Sampling A/D Converter	PRODUCTION	1	14	333k	79.5	1	SAR	Pseudo-Differential	SPI	89.3m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7851A	14-Bit, 333 kSPS, Serial Sampling A/D Converter	PRODUCTION	1	14	333k	79.5	2	SAR	Pseudo-Differential	SPI	89.3m
AD7851K	14-Bit, 333 kSPS, Serial Sampling A/D Converter	PRODUCTION	1	14	285k	79.5	1	SAR	Pseudo-Differential	SPI	89.3m
AD7276	3 MSPS, 12-Bit ADC in 8-Lead MSOP and 6-Lead TSOT	PRODUCTION	1	12	3M	70	1	SAR	Single-Ended	SPI	19.8m
AD7277	3 MSPS,10-Bit ADC in 8-Lead MSOP and 6-Lead TSOT	PRODUCTION	1	10	3M	-	0.5	SAR	Single-Ended	SPI	19.8m
AD7278	3 MSPS, 8-Bit ADC in 8-Lead MSOP and 6-Lead TSOT	PRODUCTION	1	8	3M	-	0.2	SAR	Single-Ended	SPI	19.8m
AD7946	14-Bit, 500 kSPS PulSAR® ADC in MSOP	PRODUCTION	1	14	500k	85	1	SAR	Pseudo-Differential	SPI	19m
AD1555	24-Bit, 121 dB typical SNR, Sigma-Delta A/D converter with Integrated PGA	LAST TIME BUY	2	24	16k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	96m
AD1556	Digital Filter/Decimator for 24-Bit Sigma-Delta A/D Converter	PRODUCTION	2	24	16k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	8.5m
AD7485	14-Bit, 1 MSPS SAR ADC	PRODUCTION	1	14	1M	-	1	SAR	Single-Ended	SPI	80m
AD7720	CMOS Sigma-Delta Modulator with 90 dB Dynamic Range	PRODUCTION	1	16	12.5M	-	-	Sigma-Delta	Differential	SPI	215m
MAX1034	8-/4-Channel, ±VREF Multirange Inputs, Serial 14-Bit ADCs	PRODUCTION	8	14	115k	84.5	1	SAR	Differential, Single-Ended	SPI	-
MAX1035	8-/4-Channel, ±VREF Multirange Inputs, Serial 14-Bit ADCs	PRODUCTION	4	14	115k	84.5	0.25	SAR	Differential, Single-Ended	SPI	-
MAX1303	4-Channel, ±VREF Multirange Inputs, Serial 16-Bit ADC	PRODUCTION	4	16	115k	90	1	SAR	Differential, Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD73360	6-Channel AFE Processor for General Purpose Applications Including Industrial Power Metering or Multi-Channel Analog Inputs	PRODUCTION	6	16	64k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	80m
AD7688	500 kSPS 16- BIT Differential PulSAR® A/D Converter in µSOIC/QFN	PRODUCTION	1	16	500k	95.5	1.5	SAR	Differential	SPI	21.5m
AD7687	16-Bit, 1.5 LSB INL, 250 kSPS PulSAR™ Differential ADC in MSOP/QFN	PRODUCTION	1	16	250k	95.5	1.5	SAR	Differential	SPI	12.5m
LTC2480	16-Bit ΔΣ ADC with Easy Drive Input Current Cancellation	PRODUCTION	1	16	15	-	0.65	Sigma-Delta	Differential	SPI	480µ
LTC2482	16-Bit ΔΣ ADC with Easy Drive Input Current Cancellation	PRODUCTION	1	16	6.8	-	1.31	Sigma-Delta	Differential	SPI	480µ
LTC2484	24-Bit ΔΣ ADC with Easy Drive Input Current Cancellation	PRODUCTION	1	24	15	-	167.7	Sigma-Delta	Differential	SPI	480µ
AD7723	16-Bit, 1.2 MSPS, CMOS Sigma-Delta ADC	PRODUCTION	1	16	1.2M	87	-	Sigma-Delta	Differential	Parallel, SPI	475m
AD7730	CMOS, 24-Bit Sigma-Delta, Bridge Transducer ADC for Load Cell Applications	PRODUCTION	2	24	1.2k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	65m
AD7942	14-Bit, 250 kSPS PulSAR®, Pseudo Differential ADC in MSOP/LFCSP	PRODUCTION	1	14	250k	85	1	SAR	Pseudo-Differential	SPI	12.5m
AD7683	100 kSPS 16-BIT PulSAR® A/D Converter in µSOIC/QFN	PRODUCTION	1	16	100k	91	3	SAR	Pseudo-Differential	SPI	4m
AD7694	250 kSPS 16-BIT PulSAR® A/D Converter in µSOIC	PRODUCTION	1	16	250k	92	4	SAR	Pseudo-Differential	SPI	4m
AD7993	4-Channel, 10-Bit ADC with I2C Compatible Interface in 16-Lead TSSOP	PRODUCTION	4	10	188k	-	0.5	SAR	Single-Ended	I2C	6m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7457	Pseudo Differential Input, 100 kSPS, 12-Bit ADC in 8-Lead SOT-23	PRODUCTION	1	12	100k	-	1	SAR	Differential	SPI	3m
AD7484	14-Bit, 3 MSPS SAR ADC	PRODUCTION	1	14	3M	-	1	SAR	Single-Ended	Parallel	90m
AD7992	2-Channel, 12-Bit ADC with I2C Compatible Interface in 10-Lead MSOP	PRODUCTION	2	12	79k	-	1	SAR	Single-Ended	I2C	7.7m
LTC2290	Dual 12-Bit, 10Msps Low Power 3V ADC	PRODUCTION	2	12	10M	71.3	1.3	Pipeline	Differential, Single-Ended	Parallel	120m
LTC2295	Dual 14-Bit, 10Msps Low Power 3V ADC	PRODUCTION	2	14	10M	74.4	5	Pipeline	Differential, Single-Ended	Parallel	120m
AD7655	Low Cost, 4-Channel, 16-Bit, 500 kSPS PulSAR ADC	PRODUCTION	4	16	1M	86	6	SAR	Single-Ended	Parallel, SPI	135m
AD7997	8-Channel, 10-Bit ADC with I2C Compatible Interface in 20-Lead TSSOP	PRODUCTION	8	10	79k	-	1	SAR	Single-Ended	I2C	7.7m
AD7788	16-Bit, Single-Channel, Ultra Low Power, Sigma-Delta A/D Converter	PRODUCTION	1	16	16.6	-	-	Sigma-Delta	Differential	SPI	226µ
AD7789	24-Bit, Single-Channel, Ultra Low Power, Sigma-Delta A/D Converter	PRODUCTION	1	24	16.6	-	-	Sigma-Delta	Differential	SPI	226µ
AD7654	Dual, 2-Channel, Simultaneous Sampling, PulSAR®, 500 kSPS, 16-Bit ADC	PRODUCTION	4	16	500k	90	3.5	SAR	Single-Ended	Parallel, SPI	135m
AD7856	5 V Single-Supply, 8-Channel, 14-Bit, 285 kSPS, Serial Sampling ADC	PRODUCTION	8	14	285k	79.5	-	SAR	Pseudo-Differential, Single-Ended	SPI	89.25m
MAX1146	Multichannel, True-Differential, Serial, 14-Bit ADCs	PRODUCTION	4	14	116k	81	0.7	SAR	Differential, Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1147	Multichannel, True-Differential, Serial, 14-Bit ADCs	PRODUCTION	4	14	116k	81	0.7	SAR	Differential, Single-Ended	SPI	-
MAX1148	Multichannel, True-Differential, Serial, 14-Bit ADCs	PRODUCTION	8	14	116k	81	0.7	SAR	Differential, Single-Ended	SPI	-
MAX1149	Multichannel, True-Differential, Serial, 14-Bit ADCs	PRODUCTION	8	14	116k	81	0.7	SAR	Differential, Single-Ended	SPI	-
AD1671	Complete 12-Bit 1.25 MSPS Monolithic A/D Converter	PRODUCTION	1	12	1.25M	-	2.5	Pipeline	Single-Ended	Parallel	750m
AD1674	12-Bit, 100 kSPS, Complete ADC	PRODUCTION	1	12	100k	-	0.5	SAR	Single-Ended	Parallel	575m
AD7710	CMOS, 24-Bit Signal Conditioning ADC with Current Source	PRODUCTION	2	24	1.028k	-	754.97	Sigma-Delta	Differential	SPI	53m
AD7892-1-500	True Bipolar Input, Single Supply, Parallel, 12-Bit 600 kSPS ADC	PRODUCTION	1	12	500k	-	1	SAR	Single-Ended	Parallel, SPI	90m
AD7892-2-500	True Bipolar Input, Single Supply, Parallel, 12-Bit 600 kSPS ADC	PRODUCTION	1	12	500k	-	1	SAR	Single-Ended	Parallel, SPI	60m
AD7892-3-600	True Bipolar Input, Single Supply, Parallel, 12-Bit 600 kSPS ADC	PRODUCTION	1	12	600k	-	1	SAR	Single-Ended	Parallel, SPI	90m
AD7893	True Bipolar Input, Single Supply, 12-Bit, Serial 6 µs ADC in 8-Pin Package	PRODUCTION	1	12	117k	-	0.5	SAR	Single-Ended	SPI	45m
AD7853A/B	3 V to 5 V Single Supply, 200 kSPS, 12-Bit, Serial Sampling ADC	PRODUCTION	1	12	200k	72	0.5	SAR	Differential, Single-Ended	SPI	33m
AD7853L	3 V to 5 V Single Supply, 200 kSPS, 12-Bit, Serial Sampling ADC	PRODUCTION	1	12	100k	72	1	SAR	Differential, Single-Ended	SPI	33m
LTC2225	12-Bit, 10Msps Low Power 3V ADC	PRODUCTION	1	12	10M	71.3	1.1	Pipeline	Differential, Single-Ended	Parallel	60m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2245	14-Bit, 10Msps Low Power 3V ADC	PRODUCTION	1	14	10M	74.4	4	Pipeline	Differential, Single-Ended	Parallel	60m
AD7994	4 Channel, 12-Bit ADC with I2C Compatible Interface in 16-Lead TSSOP	PRODUCTION	4	12	188k	-	1	SAR	Single-Ended	I2C	6m
AD73360L	Six-Input Channel Analog Front End	PRODUCTION	6	16	64k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	80m
AD7791	24-Bit, Single-Channel, Ultra Low Power, Sigma Delta A/D Converter	PRODUCTION	1	24	120	-	-	Sigma-Delta	Differential	SPI	800µ
LTC1857	8-Channel, 12-Bit, 100ksps SoftSpan A/D Converters with Shutdown	PRODUCTION	8	12	100k	74	1	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	40m
LTC1858	8-Channel, 14-Bit, 100ksps SoftSpan A/D Converters with Shutdown	PRODUCTION	8	14	100k	83	1.5	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	40m
LTC1859	8-Channel, 16-Bit, 100ksps SoftSpan A/D Converters with Shutdown	PRODUCTION	8	16	100k	87	3	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	40m
AD7790	16-Bit, Single-Channel, Ultra Low Power, Sigma Delta A/D Converter	PRODUCTION	1	16	120	-	-	Sigma-Delta	Differential	SPI	800µ
AD7707	3 V/5 V, ±10 V Input Range, 1 mW 3-Channel 16-Bit, Sigma-Delta ADC	PRODUCTION	3	16	500	-	-	Sigma-Delta	Differential, Single-Ended	SPI	3.75m
AD9240	Complete 14-Bit, 10 MSPS Monolithic A/D Converter	PRODUCTION	1	14	10M	78.5	-	Pipeline	Differential, Single-Ended	Parallel	330m
AD9260	16-Bit High Speed Oversampled A/D Converter	PRODUCTION	1	16	2.5M	88.5	-	Sigma-Delta	Differential	Parallel	637m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7671	16-Bit, 1 MSPS CMOS ADC	PRODUCTION	1	16	1M	90	2.5	SAR	Pseudo-Differential	Parallel, SPI	112m
AD7680	3 mW, 100 kSPS, 16-Bit ADC in 6 Lead SOT-23	PRODUCTION	1	16	100k	86	-	SAR	Single-Ended	SPI	3m
AD7998	8-Channel, 12-Bit ADC with I2C Compatible Interface in 20-Lead TSSOP	PRODUCTION	8	12	79k	-	0.6	SAR	Single-Ended	I2C	7.7m
AD9220	Complete 12-Bit, 10.0 MSPS Monolithic A/D Converter	PRODUCTION	1	12	10M	70.2	1.25	Pipeline	Differential, Single-Ended	Parallel	310m
AD9223	12-Bit, 3.0 MSPS A/D Converter	PRODUCTION	1	12	3M	70	1.25	Pipeline	Differential, Single-Ended	Parallel	130m
LTC2446	24-Bit High Speed 8-Channel ΔΣ ADCs with Selectable Multiple Reference Inputs	PRODUCTION	8	24	8k	-	251.6	Sigma-Delta	Differential, Single-Ended	SPI	40m
LTC2447	24-Bit High Speed 8-Channel ΔΣ ADCs with Selectable Multiple Reference Inputs	PRODUCTION	8	24	8k	-	251.6	Sigma-Delta	Differential, Single-Ended	SPI	40m
AD7712	CMOS, 24-Bit Sigma-Delta, Signal Conditioning ADC with 2 Analog Input Channels	PRODUCTION	2	24	1.028k	-	-	Sigma-Delta	Differential, Single-Ended	SPI	53m
AD7715	3 V/5 V, 450 µA, 16-Bit, Sigma-Delta ADC	PRODUCTION	1	16	500	-	-	Sigma-Delta	Differential	SPI	9.5m
AD7731	Low Noise, High Throughput 24-Bit Sigma-Delta ADC	PRODUCTION	3	24	6.4k	-	-	Sigma-Delta	Differential	SPI	67.5m
AD9241	Complete 14-Bit, 1.25 MSPS Monolithic A/D Converter	PRODUCTION	1	14	1.25M	79	-	Pipeline	Differential, Single-Ended	Parallel	85m
AD9243	Complete 14-Bit, 3 MSPS Monolithic A/D Converter	PRODUCTION	1	14	3M	80	-	Pipeline	Differential, Single-Ended	Parallel	145m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7470	10-Bit, 2.7 V to 5.25 V, 1.75 MSPS Low Power ADC	PRODUCTION	1	10	1.75M	-	1	SAR	Single-Ended	Parallel	12m
AD7490	16-Channel, 1 MSPS, 12-Bit ADC with Sequencer	PRODUCTION	16	12	1M	-	1	SAR	Single-Ended	SPI	12.5m
AD7724	Dual, 7th-Order, Sigma-Delta Modulator	PRODUCTION	2	15	250k	-	-	Sigma-Delta Modulator	Differential	SPI	300m
AD7813	+2.7 V to +5.5 V, 400 kSPS 8-/10-Bit Sampling ADC	PRODUCTION	1	10	400k	-	1	SAR	Single-Ended	Parallel	17.5m
AD7819	+2.7 V to +5.5 V, 200 kSPS 8-Bit Sampling ADC	PRODUCTION	1	8	200k	-	0.5	SAR	Single-Ended	Parallel	17.5m
AD7858-200	3 V to 5 V Single Supply, 200 kSPS, 8-Channel, 12-Bit, Serial Sampling ADC	PRODUCTION	8	12	200k	72	0.5	SAR	Single-Ended	SPI	33m
AD7858L-100	3 V to 5 V Single Supply, 200 kSPS, 8-Channel, 12-Bit, Serial Sampling ADC	PRODUCTION	8	12	100k	72	1	SAR	Single-Ended	SPI	10.5m
AD7862	Simultaneous Sampling Dual 250 kSPS 12-Bit ADC	PRODUCTION	4	12	250k	-	1	SAR	Single-Ended	Parallel	75m
AD7865	Fast, Low-Power, 4-Channel, Simultaneous Sampling, 14-bit ADC	PRODUCTION	4	14	350k	-	1.5	SAR	Single-Ended	Parallel	160m
AD7874	4-channel Simultaneous Sampling, 12-Bit Data Acquisition System	PRODUCTION	4	12	116k	-	0.5	SAR	Single-Ended	Parallel	150m
AD7880	CMOS, Single +5 V Supply, Low Power, 12-Bit Sampling ADC	PRODUCTION	1	12	66k	-	1	SAR	Single-Ended	Parallel	37.5m
AD7888	2.7 V to 5.25 V, Micro Power, 8-Channel, 125 kSPS, 12-Bit ADC in 16-Pin TSSOP	PRODUCTION	8	12	125k	71	1	SAR	Single-Ended	SPI	3.5m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7891	True Bipolar Input, Single Supply, Parallel, 8-Channel, 12-Bit High Speed Data Acquisition System	PRODUCTION	8	12	500k	-	0.75	SAR	Single-Ended	Parallel, SPI	100m
AD7894	True Bipolar Input, 5 V Single Supply, 14-Bit, Serial 4.5 µs ADC in 8-Pin Package	PRODUCTION	1	14	200k	-	1.5	SAR	Single-Ended	SPI	27.5m
AD7895	True Bipolar Input, 5 V Single Supply, 12-Bit, Serial 3.8 µs ADC in 8-Pin Package	PRODUCTION	1	12	192k	-	1	SAR	Single-Ended	SPI	20m
AD7896	2.7 V to 5.5 V, 12-Bit, 8 µs ADC in 8-Pin SO/DIP	PRODUCTION	1	12	100k	-	0.5	SAR	Single-Ended	SPI	10.8m
AD7898	5V, 12-Bit, Serial 220 kSPS ADC in a 8-Lead Package	PRODUCTION	1	12	220k	-	1	SAR	Single-Ended	SPI	22.5m
AD7899	5 V Single Supply 14-Bit 400 kSPS ADC	PRODUCTION	1	14	400k	-	2	SAR	Single-Ended	Parallel	125m
AD7904	4-Channel, 1 MSPS, 8-Bit A/D Converter with Sequencer in 16-Lead TSSOP	PRODUCTION	4	8	1M	-	0.2	SAR	Single-Ended	SPI	13.5m
MAX1276	1.8Msps, Single-Supply, Low-Power, True-Differential, 12-Bit ADCs with Internal Reference	PRODUCTION	1	12	1.8M	-	1.25	SAR	Differential	SPI	-
MAX1278	1.8Msps, Single-Supply, Low-Power, True-Differential, 12-Bit ADCs with Internal Reference	PRODUCTION	1	12	1.8M	-	1.25	SAR	Differential	SPI	-
AD7911	2-Channel, 2.35 V to 5.25 V, 250 kSPS, 10-Bit A/D Converter	PRODUCTION	2	10	250k	-	0.5	SAR	Single-Ended	SPI	20m
AD7912	2-Channel, 2.35 V to 5.25 V, 1 MSPS, 10-Bit A/D Converter	PRODUCTION	2	10	1M	-	0.5	SAR	Single-Ended	SPI	15m
AD7921	2-Channel, 2.35 V to 5.25 V, 250 kSPS, 12-Bit A/D Converter	PRODUCTION	2	12	250k	72.5	1.5	SAR	Single-Ended	SPI	20m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7922	2-Channel, 2.35 V to 5.25 V, 1 MSPS, 12-Bit A/D Converter	PRODUCTION	2	12	1M	72.5	1.5	SAR	Single-Ended	SPI	15m
AD7450	Differential Input, 1 MSPS, 12-BIT SAR ADC	PRODUCTION	1	12	1M	-	1	SAR	Differential	SPI	1.3m
AD7810	2.7 V to 5.5 V, 2 ms, 10-Bit ADC in 8-Lead microSOIC/DIP	PRODUCTION	1	10	350k	-	1	SAR	Differential	SPI	17.5m
AD7914	4-Channel, 1 MSPS, 10-Bit A/D Converter with Sequencer in 16-Lead TSSOP	PRODUCTION	4	10	1M	-	0.5	SAR	Single-Ended	SPI	13.5m
AD7924	4-Channel, 1 MSPS, 12-Bit A/D Converter with Sequencer in 16-Lead TSSOP	PRODUCTION	4	12	1M	-	1	SAR	Single-Ended	SPI	13.5m
AD7940	3 mW, 100 kSPS, 14-Bit ADC in 6-Lead SOT-23	PRODUCTION	1	14	100k	-	1.51	SAR	Single-Ended	SPI	4m
AD9221	Complete 12-Bit 1.25 MSPS Monolithic A/D Converter	PRODUCTION	1	12	1.5M	70.2	1.25	Pipeline	Differential, Single-Ended	Parallel	70m
AD7864	High Speed, Low Power, 4-channel Simultaneous Sampling, 12-Bit ADC	PRODUCTION	4	12	520k	-	0.5	SAR	Single-Ended	Parallel	120m
AD7866	Dual 1MSPS, 12-Bit, 2-Channel SAR ADC with Serial Interface	PRODUCTION	4	12	1M	70	1	SAR	Single-Ended	SPI	24m
AD7667	16-Bit, 1 MSPS PulSAR® Unipolar ADC with Ref	PRODUCTION	1	16	1M	89.2	2	SAR	Pseudo-Differential	Parallel, SPI	133m
AD7811	10-Bit, 4-Channel, 350 kSPS, Serial A/D Converter	PRODUCTION	4	10	350k	-	1	SAR	Pseudo-Differential, Single-Ended	SPI	10.5m
AD7812	10-Bit, 8-Channel, 350 kSPS, Serial A/D Converter	PRODUCTION	8	10	350k	-	1	SAR	Pseudo-Differential, Single-Ended	SPI	10.5m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7823	2.7 V to 5.5 V, 4.5 ms, 8-Bit ADC in 8-Lead microSOIC/DIP	PRODUCTION	1	8	200k	-	0.5	SAR	Differential	SPI	17.5m
MAX1363	4-Channel, 12-Bit System Monitors with Programmable Trip Window and SMBus Alert Response	PRODUCTION	4	12	133k	-	1	SAR	Differential, Single-Ended	I2C	-
MAX1364	4-Channel, 12-Bit System Monitors with Programmable Trip Window and SMBus Alert Response	PRODUCTION	4	12	133k	-	1	SAR	Differential, Single-Ended	I2C	-
AD7676	500 kSPS CMOS 16-Bit PulSAR® ADC with INL of 1 LSB Max	PRODUCTION	1	16	500k	94	1	SAR	Differential	Parallel, SPI	67m
AD7677	16-Bit, 1 LSB INL, 1 MSPS Differential PulSAR® ADC	PRODUCTION	1	16	1M	94	1	SAR	Differential	Parallel, SPI	115m
AD7666	16-Bit, 500 kSPS PulSAR® Unipolar ADC with Ref	PRODUCTION	1	16	500k	89.2	2	SAR	Pseudo-Differential	Parallel, SPI	81m
AD7783	Read-Only, Pin-Configured, 24-bit Sigma-Delta ADC with Excitation Current Sources	PRODUCTION	1	24	19.79	-	-	Sigma-Delta	Differential	SPI	8.5m
AD7675	16-Bit, 100 kSPS Differential PulSAR® A/D Converter	PRODUCTION	1	16	100k	94	1.5	SAR	Differential	Parallel, SPI	17m
AD7453	Pseudo Differential, 555 kSPS, 12-Bit A/D Converter in 8-Lead SOT-23	PRODUCTION	1	12	555k	-	1	SAR	Differential	SPI	7.25m
AD7653	16-Bit 1 MSPS PulSAR® Unipolar ADC with Ref	PRODUCTION	1	16	1M	86	6	SAR	Pseudo-Differential	Parallel, SPI	128m
AD7661	16-Bit, 100 kSPS PulSAR® Unipolar ADC with Ref	PRODUCTION	1	16	100k	89.3	2.5	SAR	Pseudo-Differential	Parallel, SPI	40m
AD7663	16-Bit Bipolar 250 kSPS PulSAR® CMOS ADC	PRODUCTION	1	16	250k	90	3	SAR	Pseudo-Differential	Parallel, SPI	35m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
AD7664	16-Bit 570 kSPS CMOS Successive Approximation PulSAR® ADC with No Missing Codes	PRODUCTION	1	16	570k	90	2.5	SAR	Differential	Parallel, SPI	97m
AD7650	16-Bit, 570 kSPS, Unipolar CMOS Successive Approximation ADC	PRODUCTION	1	16	570k	86	6	SAR	Pseudo-Differential	Parallel, SPI	115m
AD7652	16-Bit 500 kSPS PulSAR® Unipolar ADC with Ref	PRODUCTION	1	16	500k	86	6	SAR	Pseudo-Differential	Parallel, SPI	80m
AD7665	16-Bit 570 kSPS Bipolar PulSAR® ADC	PRODUCTION	1	16	570k	90	2.5	SAR	Differential	Parallel, SPI	93m
AD7782	2-Channel, Read-Only, Pin-Configured, 24-bit Sigma-Delta ADC	PRODUCTION	2	24	19.79	-	-	Sigma-Delta	Differential	SPI	8.5m
AD7482	12-Bit, 3 MSPS SAR ADC	PRODUCTION	1	12	3M	-	1	SAR	Single-Ended	Parallel	90m
AD7660	16-Bit 100 kSPS CMOS Successive Approximation PulSAR® ADC with No Missing Codes	PRODUCTION	1	16	100k	90	3	SAR	Differential	Parallel, SPI	21m
MAX1042	10-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	PRODUCTION	8	10	300k	61	0.5	SAR	Differential, Single-Ended	SPI	-
MAX1046	10-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	PRODUCTION	4	10	300k	60	0.5	SAR	Differential, Single-Ended	SPI	-
MAX1048	10-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	PRODUCTION	4	10	300k	60	0.5	SAR	Differential, Single-Ended	SPI	-
MAX1340	12-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	PRODUCTION	8	12	300k	-	0.5	SAR	Differential, Single-Ended	SPI	-
MAX1346	12-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	PRODUCTION	4	12	300k	-	0.5	SAR	Differential, Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1348	12-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	RECOMMENDED FOR NEW DESIGNS	4	12	300k	-	0.5	SAR	Differential, Single-Ended	SPI	-
AD7472	12-Bit, 2.7 V to 5.25 V, 1.5 MSPS Low Power ADC	PRODUCTION	1	12	1.5M	70	1	SAR	Single-Ended	Parallel	12m
AD7651	16-Bit 100 kSPS PulSAR® Unipolar ADC with Reference	PRODUCTION	1	16	100k	86	6	SAR	Pseudo-Differential	Parallel, SPI	38m
AD7678	18-Bit,100 kSPS PulSAR® A/D Converter	PRODUCTION	1	18	100k	101	2.5	SAR	Differential	Parallel, SPI	18m
LTC1863	12-bit, 8-Channel 200ksps ADCs	PRODUCTION	8	12	200k	73.6	1	SAR	Pseudo-Differential, Single-Ended	SPI	6.5m
LTC1863L	Micropower, 3V, 12-bit, 8-Channel 175ksps ADCs	PRODUCTION	8	12	175k	73.1	1	SAR	Pseudo-Differential, Single-Ended	SPI	2.25m
LTC1867	16-Bit, 8-Channel 200ksps ADCs	PRODUCTION	8	16	200k	89	2	SAR	Pseudo-Differential, Single-Ended	SPI	6.5m
LTC1867L	Micropower, 3V, 16-Bit, 8-Channel 175ksps ADCs	PRODUCTION	8	16	175k	83.7	3	SAR	Pseudo-Differential, Single-Ended	SPI	2.25m
MAX1020	10-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	PRODUCTION	8	10	300k	61	0.5	SAR	Differential, Single-Ended	SPI	-
MAX1058	10-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	PRODUCTION	16	10	300k	60	0.5	SAR	Differential, Single-Ended	SPI	-
MAX1076	1.8Msps, Single-Supply, Low-Power, True-Differential, 10-Bit ADCs with Internal Reference	PRODUCTION	1	10	1.8M	61	0.5	SAR	Differential, Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1224	1.5Msps, Single-Supply, Low-Power, True-Differential, 12-Bit ADCs	PRODUCTION	1	12	1.5M	69	1.5	SAR	Differential	SPI	-
MAX1361	4-Channel, 10-Bit, System Monitors with Programmable Trip Window and SMBus Alert Response	PRODUCTION	4	10	150k	-	1	SAR	Differential, Single-Ended	I2C	-
MAX1362	4-Channel, 10-Bit, System Monitors with Programmable Trip Window and SMBus Alert Response	PRODUCTION	4	10	150k	-	1	SAR	Differential, Single-Ended	I2C	-
AD7674	18-Bit, 2.5 LSB INL, 800 kSPS, SAR ADC	PRODUCTION	1	18	800k	101	2.5	SAR	Differential	Parallel, SPI	126m
AD7679	18-Bit, 570 kSPS PulSAR® A/D Converter	PRODUCTION	1	18	570k	101	2.5	SAR	Differential	Parallel, SPI	76m
MAX1220	12-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	PRODUCTION	8	12	300k	70	0.5	SAR	Differential, Single-Ended	SPI	-
MAX1257	12-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	PRODUCTION	16	12	300k	70	0.5	SAR	Differential, Single-Ended	SPI	-
MAX1258	12-Bit, Multichannel ADCs/DACs with FIFO, Temperature Sensing, and GPIO Ports	PRODUCTION	16	12	300k	70	0.5	SAR	Differential, Single-Ended	SPI	-
MAX1338	14-Bit, 4-Channel, Software-Programmable, Multiranging, Simultaneous-Sampling ADC	PRODUCTION	4	14	150k	77	1	SAR	Differential	µP/14	-
LTC2439-1	8-/16-Channel 16-Bit No Latency ΔΣ™ ADC	PRODUCTION	16	16	6.8	-	1.25	Sigma-Delta	Differential, Single-Ended	SPI	1m
LTC2444	24-Bit High Speed 8-/16-Channel Δ∑ ADCs with Selectable Speed/Resolution	PRODUCTION	8	24	8k	-	251.6	Sigma-Delta	Differential, Single-Ended	SPI	40m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2445	24-Bit High Speed 8-/16-Channel ΔΣ ADCs with Selectable Speed/Resolution	PRODUCTION	8	24	8k	-	251.6	Sigma-Delta	Differential, Single-Ended	SPI	40m
LTC2448	24-Bit High Speed 8-/16-Channel ΔΣ ADCs with Selectable Speed/Resolution	PRODUCTION	16	24	8k	-	251.6	Sigma-Delta	Differential, Single-Ended	SPI	40m
LTC2449	24-Bit High Speed 8-/16-Channel ΔΣ ADCs with Selectable Speed/Resolution	PRODUCTION	16	24	8k	-	251.6	Sigma-Delta	Differential, Single-Ended	SPI	40m
MAX1316	8-/4-/2-Channel, 14-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	8	14	526k	76	0.8	SAR	Single-Ended	µP/14	-
MAX1317	8-/4-/2-Channel, 14-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	4	14	526k	76	0.8	SAR	Single-Ended	µP/14	-
MAX1318	8-/4-/2-Channel, 14-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	2	14	526k	76	0.8	SAR	Single-Ended	µP/14	-
MAX1320	8-/4-/2-Channel, 14-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	8	14	526k	76	0.8	SAR	Single-Ended	µP/14	-
MAX1322	8-/4-/2-Channel, 14-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	2	14	526k	76	0.8	SAR	Single-Ended	µP/14	-
MAX1324	8-/4-/2-Channel, 14-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	8	14	526k	76	0.8	SAR	Single-Ended	µP/14	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1325	8-/4-/2-Channel, 14-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	4	14	526k	76	0.8	SAR	Single-Ended	µP/14	-
MAX1326	8-/4-/2-Channel, 14-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	2	14	526k	76	0.8	SAR	Single-Ended	µP/14	-
MAX1415	16-Bit, Low-Power, 2-Channel, Sigma-Delta ADCs	PRODUCTION	2	16	500	-	0.98304	Sigma-Delta	Differential	SPI	-
MAX1416	16-Bit, Low-Power, 2-Channel, Sigma-Delta ADCs	PRODUCTION	2	16	500	-	0.98304	Sigma-Delta	Differential	SPI	-
MAX1275	1.8Msps, Single-Supply, Low-Power, True-Differential, 12-Bit ADCs	PRODUCTION	1	12	1.8M	-	1.75	SAR	Differential	SPI	-
MAX1072	1.8Msps, Single-Supply, Low-Power, True-Differential, 10-Bit ADCs	PRODUCTION	1	10	1.8M	60	0.5	SAR	Differential	SPI	-
LTC1403	Serial 12-Bit, 2.8Msps Sampling ADCs with Shutdown	PRODUCTION	1	12	2.8M	70.5	2	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	12m
LTC1403-1	Serial 12-Bit, 2.8Msps Sampling ADCs with Shutdown	PRODUCTION	1	12	2.8M	70.5	2	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	12m
LTC1403A	Serial 14-Bit, 2.8Msps Sampling ADCs with Shutdown	PRODUCTION	1	14	2.8M	73.5	4	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	12m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC1403A-1	Serial 14-Bit, 2.8Msps Sampling ADCs with Shutdown	PRODUCTION	1	14	2.8M	73.5	4	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	12m
MAX1304	8-/4-/2-Channel, 12-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	8	12	1.075M	71	0.5	SAR	Single-Ended	µP/12	-
MAX1305	8-/4-/2-Channel, 12-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	4	12	1.075M	71	0.5	SAR	Single-Ended	µP/12	-
MAX1308	8-/4-/2-Channel, 12-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	8	12	1.075M	71	0.5	SAR	Single-Ended	µP/12	-
MAX1309	8-/4-/2-Channel, 12-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	4	12	1.075M	71	0.5	SAR	Single-Ended	µP/12	-
MAX1310	8-/4-/2-Channel, 12-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	2	12	1.075M	71	0.5	SAR	Single-Ended	µP/12	-
MAX1312	8-/4-/2-Channel, 12-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	8	12	1.075M	71	0.5	SAR	Single-Ended	µP/12	-
MAX1313	8-/4-/2-Channel, 12-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	4	12	1.075M	71	0.5	SAR	Single-Ended	µP/12	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1314	8-/4-/2-Channel, 12-Bit, Simultaneous-Sampling ADCs with ±10V, ±5V, and 0 to +5V Analog Input Ranges	PRODUCTION	2	12	1.075M	71	0.5	SAR	Single-Ended	µP/12	-
LTC1407	Serial 12-Bit/14-Bit, 3Msps Simultaneous Sampling ADCs with Shutdown	PRODUCTION	2	12	3M	70.5	2	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	12m
LTC1407-1	Serial 12-Bit/14-Bit, 3Msps Simultaneous Sampling ADCs with Shutdown	PRODUCTION	2	12	3M	70.5	2	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	12m
LTC1407A	Serial 12-Bit/14-Bit, 3Msps Simultaneous Sampling ADCs with Shutdown	PRODUCTION	2	14	3M	73.5	4	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	12m
LTC1407A-1	Serial 12-Bit/14-Bit, 3Msps Simultaneous Sampling ADCs with Shutdown	PRODUCTION	2	14	3M	73.5	4	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	12m
MX7705	16-Bit, Low-Power, 2-Channel, Sigma-Delta ADC	PRODUCTION	2	16	500	-	1.96608	Sigma-Delta	Differential	SPI	-
MAX1177	16-Bit, 135ksps, Single-Supply ADC with 0 to 10V Input Range	PRODUCTION	1	16	135k	91	4	SAR	Single-Ended	µP/8	-
MAX1188	16-Bit, 135ksps, Single-Supply ADCs with Bipolar Analog Input Range	PRODUCTION	1	16	135k	91	4	SAR	Single-Ended	µP/8	-
MAX1067	Multichannel, 14-Bit, 200ksps Analog-to-Digital Converters	PRODUCTION	4	14	200k	84	1.5	SAR	Single-Ended	SPI	-
MAX1068	Multichannel, 14-Bit, 200ksps Analog-to-Digital Converters	PRODUCTION	8	14	200k	84	1.5	SAR	Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1167	Multichannel, 16-Bit, 200ksps Analog-to-Digital Converters	PRODUCTION	4	16	200k	88.5	3	SAR	Single-Ended	SPI	-
MAX1168	Multichannel, 16-Bit, 200ksps Analog-to-Digital Converters	PRODUCTION	8	16	200k	88.5	3	SAR	Single-Ended	SPI	-
MAX1272	Fault-Protected, 12-Bit ADCs with Software-Selectable Input Range	PRODUCTION	1	12	87k	70	0.3	SAR	Single-Ended	SPI	-
MAX1273	Fault-Protected, 12-Bit ADCs with Software-Selectable Input Range	PRODUCTION	1	12	87k	-	0.3	SAR	Single-Ended	SPI	-
LTC1603	High Speed, 16-Bit, 250ksps Sampling A/D Converter with Shutdown	PRODUCTION	1	16	250k	90	3	SAR	Pseudo-Differential, Single-Ended	Parallel	220m
LTC2433-1	Differential Input 16-Bit No Latency Delta Sigma ADC	PRODUCTION	1	16	6.8	-	1.25	Sigma-Delta	Differential	SPI	1m
MAX1028	10-Bit 300ksps ADCs with FIFO, Temp Sensor, Internal Reference	PRODUCTION	12	10	300k	70	0.1	SAR	Differential, Single-Ended	SPI	-
MAX1030	10-Bit 300ksps ADCs with FIFO, Temp Sensor, Internal Reference	PRODUCTION	16	10	300k	70	0.1	SAR	Differential, Single-Ended	SPI	-
MAX1226	12-Bit 300ksps ADCs with FIFO, Temp Sensor, Internal Reference	PRODUCTION	8	12	300k	70	1	SAR	Differential, Single-Ended	SPI	-
MAX1228	12-Bit 300ksps ADCs with FIFO, Temp Sensor, Internal Reference	PRODUCTION	12	12	300k	70	1	SAR	Differential, Single-Ended	SPI	-
MAX1230	12-Bit 300ksps ADCs with FIFO, Temp Sensor, Internal Reference	PRODUCTION	16	12	300k	70	1	SAR	Differential, Single-Ended	SPI	-
MAX1265	265ksps, +3V, 6-/2-Channel, 12-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	6	12	265k	70	1	SAR	Differential, Single-Ended	µP/12	-
MAX1267	265ksps, +3V, 6-/2-Channel, 12-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	2	12	265k	70	1	SAR	Differential, Single-Ended	µP/12	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1027	10-Bit 300ksps ADCs with FIFO, Temp Sensor, Internal Reference	PRODUCTION	8	10	300k	70	0.1	SAR	Differential, Single-Ended	SPI	-
MAX1029	10-Bit 300ksps ADCs with FIFO, Temp Sensor, Internal Reference	PRODUCTION	12	10	300k	70	0.1	SAR	Differential, Single-Ended	SPI	-
MAX1031	10-Bit 300ksps ADCs with FIFO, Temp Sensor, Internal Reference	PRODUCTION	16	10	300k	70	0.1	SAR	Differential, Single-Ended	SPI	-
MAX1153	Stand-Alone, 10-Channel, 10-Bit System Monitors with Internal Temperature Sensor and VDD Monitor	PRODUCTION	10	10	94k	70	0.5	SAR	Differential, Single-Ended	SPI	-
MAX1154	Stand-Alone, 10-Channel, 10-Bit System Monitors with Internal Temperature Sensor and VDD Monitor	PRODUCTION	10	10	94k	70	0.5	SAR	Differential, Single-Ended	SPI	-
MAX1227	12-Bit 300ksps ADCs with FIFO, Temp Sensor, Internal Reference	PRODUCTION	8	12	300k	70	1	SAR	Differential, Single-Ended	SPI	-
MAX1229	12-Bit 300ksps ADCs with FIFO, Temp Sensor, Internal Reference	PRODUCTION	12	12	300k	70	1	SAR	Differential, Single-Ended	SPI	-
MAX1231	12-Bit 300ksps ADCs with FIFO, Temp Sensor, Internal Reference	PRODUCTION	16	12	300k	70	1	SAR	Differential, Single-Ended	SPI	-
MAX1253	Stand-Alone, 10-Channel, 12-Bit System Monitors with Internal Temperature Sensor and VDD Monitor	PRODUCTION	10	12	94k	70	1	SAR	Differential, Single-Ended	SPI	-
MAX1254	Stand-Alone, 10-Channel, 12-Bit System Monitors with Internal Temperature Sensor and VDD Monitor	PRODUCTION	10	12	94k	70	1	SAR	Differential, Single-Ended	SPI	-
MAX1261	250ksps, +3V, 8-/4-Channel, 12-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	8	12	250k	70	1	SAR	Differential, Single-Ended	µP/8	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1061	250ksps, +3V, 8-/4-Channel, 10-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	8	10	250k	61	1	SAR	Differential, Single-Ended	µP/8	-
MAX1063	250ksps, +3V, 8-/4-Channel, 10-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	4	10	250k	61	1	SAR	Differential, Single-Ended	µP/8	-
MAX1064	400ksps, +5V, 8-/4-Channel, 10-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	4	10	400k	61	1	SAR	Differential, Single-Ended	µP/8	-
MAX1262	400ksps, +5V, 8-/4-Channel, 12-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	8	12	400k	70	1	SAR	Differential, Single-Ended	µP/8	-
MAX1264	400ksps, +5V, 8-/4-Channel, 12-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	4	12	400k	70	1	SAR	Differential, Single-Ended	µP/8	-
MAX1266	420ksps, +5V, 6-/2-Channel, 12-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	6	12	420k	70	1	SAR	Differential, Single-Ended	µP/12	-
LTC2435	20-Bit No Latency ΔΣ™ ADCs with Differential Input and Differential Reference	PRODUCTION	1	20	15	-	20.97	Sigma-Delta	Differential	SPI	1m
LTC2435-1	20-Bit No Latency ΔΣ™ ADCs with Differential Input and Differential Reference	PRODUCTION	1	20	13.7	-	20.97	Sigma-Delta	Differential	SPI	1m
LTC2436-1	2-Channel Differential Input 16-Bit No Latency ΔΣ™ ADC	PRODUCTION	2	16	6.8	-	3	Sigma-Delta	Differential	SPI	1m
LTC2412	2-Channel Differential Input 24-Bit No Latency ΔΣ ADC	PRODUCTION	2	24	7.5	-	234.8	Sigma-Delta	Differential	SPI	1m
MAX1069	58.6ksps, 14-Bit, 2-Wire Serial ADC in a 14-Pin TSSOP	PRODUCTION	1	14	58k	84	3	SAR	Single-Ended	I2C	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1169	58.6ksps, 16-Bit, 2-Wire Serial ADC in a 14-Pin TSSOP	PRODUCTION	1	16	58k	90	2	SAR	Single-Ended	I2C	-
MAX1189	16-Bit, 135ksps, Single-Supply ADCs with Bipolar Analog Input Range	PRODUCTION	1	16	135k	91	4	SAR	Single-Ended	µP/16	-
MAX1165	Low-Power, 16-Bit Analog-to-Digital Converters with Parallel Interface	PRODUCTION	1	16	165k	90	2	SAR	Single-Ended	µP/16	-
MAX1166	Low-Power, 16-Bit Analog-to-Digital Converters with Parallel Interface	PRODUCTION	1	16	165k	90	2	SAR	Single-Ended	µP/8	-
MAX1162	16-Bit, +5V, 200ksps ADC with 10µA Shutdown	PRODUCTION	1	16	200k	90	4	SAR	Single-Ended	SPI	-
LTC2440	24-Bit High Speed Differential ΔΣ ADC with Selectable Speed/Resolution	PRODUCTION	1	24	4k	-	251.6	Sigma-Delta	Differential	SPI	40m
MAX1036	2.7V to 5.5V, Low-Power, 4-/12-Channel 2-Wire Serial 8-Bit ADCs	PRODUCTION	4	8	188k	49	1	SAR	Differential, Single-Ended	I2C	-
MAX1037	2.7V to 5.5V, Low-Power, 4-/12-Channel 2-Wire Serial 8-Bit ADCs	PRODUCTION	4	8	188k	49	1	SAR	Differential, Single-Ended	I2C	-
MAX1038	2.7V to 5.5V, Low-Power, 4-/12-Channel 2-Wire Serial 8-Bit ADCs	PRODUCTION	12	8	188k	49	1	SAR	Differential, Single-Ended	I2C	-
MAX1039	2.7V to 5.5V, Low-Power, 4-/12-Channel 2-Wire Serial 8-Bit ADCs	PRODUCTION	12	8	188k	49	1	SAR	Differential, Single-Ended	I2C	-
MAX1065	Low-Power, 14-Bit Analog-to-Digital Converters with Parallel Interface	PRODUCTION	1	14	165k	84	3	SAR	Single-Ended	µP/16	-
MAX1135	16-Bit ADCs, 150ksps, 3.3V Single Supply	PRODUCTION	1	16	150k	83	1	SAR	Single-Ended	SPI	-
MAX1136	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/12-Channel, 2-Wire Serial 10-Bit ADCs	PRODUCTION	4	10	94.4k	60	1	SAR	Differential, Single-Ended	I2C	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1137	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/12-Channel, 2-Wire Serial 10-Bit ADCs	PRODUCTION	4	10	94.4k	60	1	SAR	Differential, Single-Ended	I2C	-
MAX1138	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/12-Channel, 2-Wire Serial 10-Bit ADCs	PRODUCTION	12	10	94.4k	60	1	SAR	Differential, Single-Ended	I2C	-
MAX1139	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/12-Channel, 2-Wire Serial 10-Bit ADCs	PRODUCTION	12	10	94.4k	60	1	SAR	Differential, Single-Ended	I2C	-
MAX1236	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/12-Channel, 2-Wire Serial, 12-Bit ADCs	PRODUCTION	4	12	94.4k	70	1	SAR	Differential, Single-Ended	I2C	-
MAX1237	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/12-Channel, 2-Wire Serial, 12-Bit ADCs	PRODUCTION	4	12	94.4k	70	1	SAR	Differential, Single-Ended	I2C	-
MAX1238	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/12-Channel, 2-Wire Serial, 12-Bit ADCs	PRODUCTION	12	12	94.4k	70	1	SAR	Differential, Single-Ended	I2C	-
MAX1239	2.7V to 3.6V and 4.5V to 5.5V, Low-Power, 4-/12-Channel, 2-Wire Serial, 12-Bit ADCs	PRODUCTION	12	12	94.4k	70	1	SAR	Differential, Single-Ended	I2C	-
AD7861	11-Bit Resolution Simultaneous Sampling ADC	PRODUCTION	7	11	28.6k	-	2	SAR	Single-Ended	Parallel	50m
AD7716	CMOS, 4-Channel, 22-Bit Data Acquisition System	PRODUCTION	4	22	2.2k	-	-	Sigma-Delta	Single-Ended	SPI	50m
LTC2414	8-/16-Channel 24-Bit No Latency ΔΣ™ ADCs	PRODUCTION	8	24	7.5	-	234.8	Sigma-Delta	Differential, Single-Ended	SPI	1m
LTC2418	8-/16-Channel 24-Bit No Latency ΔΣ™ ADCs	PRODUCTION	16	24	7.5	-	234.8	Sigma-Delta	Differential, Single-Ended	SPI	1m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2421	1-/2-Channel 20-Bit µPower No Latency ΔΣ™ ADCs in MSOP-10	PRODUCTION	1	20	7.5	-	10.48	Sigma-Delta	Single-Ended	SPI	1m
LTC2422	1-/2-Channel 20-Bit µPower No Latency ΔΣ™ ADCs in MSOP-10	PRODUCTION	2	20	7.5	-	10.48	Sigma-Delta	Single-Ended	SPI	1m
LTC2430	20-Bit No Latency ΔΣ™ ADCs with Differential Input and Differential Reference	PRODUCTION	1	20	7.5	-	20.97	Sigma-Delta	Differential	SPI	1m
LTC2431	20-Bit No Latency ΔΣ™ ADCs with Differential Input and Differential Reference	PRODUCTION	1	20	7.5	-	20.97	Sigma-Delta	Differential	SPI	1m
LTC1850	8-Channel, 10-Bit/12-Bit, 1.25Msps Sampling ADCs	PRODUCTION	8	10	1.25M	61.7	0.5	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	40m
LTC1851	8-Channel, 12-Bit, 1.25Msps Sampling ADCs	PRODUCTION	8	12	1.25M	72	1	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	40m
MAX1062	14-Bit, +5V, 200ksps ADC with 10µA Shutdown	PRODUCTION	1	14	200k	84	3	SAR	Single-Ended	SPI	-
MAX1286	150ksps, 12-Bit, 2-Channel Single-Ended, and 1-Channel True-Differential ADCs	PRODUCTION	2	12	150k	-	1	SAR	Single-Ended	SPI	-
MAX1287	150ksps, 12-Bit, 2-Channel Single-Ended, and 1-Channel True-Differential ADCs	PRODUCTION	2	12	150k	-	1	SAR	Single-Ended	SPI	-
MAX1288	150ksps, 12-Bit, 2-Channel Single-Ended, and 1-Channel True-Differential ADCs	PRODUCTION	1	12	150k	-	1	SAR	Single-Ended	SPI	-
MAX1407	Low-Power, 16-Bit Multichannel DAS with Internal Reference, 10-Bit DACs, and RTC	PRODUCTION	4	16	60	-	2.5	Sigma-Delta	Differential	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1414	Low-Power, 16-Bit Multichannel DAS with Internal Reference, 10-Bit DACs, and RTC	PRODUCTION	4	16	60	-	2.5	Sigma-Delta	Differential	SPI	-
LTC1861	µPower, 12-Bit, 250ksps 1- and 2-Channel ADCs in MSOP	PRODUCTION	2	12	250k	72	1	SAR	Pseudo-Differential, Single-Ended	SPI	4.25m
LTC1861L	µPower, 3V, 12-Bit, 150ksps 1- and 2-Channel ADCs in MSOP	PRODUCTION	2	12	150k	72	1	SAR	Pseudo-Differential, Single-Ended	SPI	1.22m
LTC1865	µPower, 16-Bit, 250ksps 1- and 2-Channel ADCs in MSOP	PRODUCTION	2	16	250k	87	6	SAR	Pseudo-Differential, Single-Ended	SPI	4.25m
LTC1865L	µPower, 3V, 16-Bit, 150ksps 1- and 2-Channel ADCs in MSOP	PRODUCTION	2	16	150k	82	6	SAR	Pseudo-Differential, Single-Ended	SPI	1.22m
LTC1860	µPower, 12-Bit, 250ksps 1- and 2-Channel ADCs in MSOP	PRODUCTION	1	12	250k	72	1	SAR	Pseudo-Differential, Single-Ended	SPI	4.25m
LTC1860L	µPower, 3V, 12-Bit, 150ksps 1- and 2-Channel ADCs in MSOP	PRODUCTION	1	12	150k	72	1	SAR	Pseudo-Differential, Single-Ended	SPI	1.22m
LTC1864	µPower, 16-Bit, 250ksps 1- and 2-Channel ADCs in SOIC	PRODUCTION	1	16	250k	87	6	SAR	Pseudo-Differential, Single-Ended	SPI	4.25m
LTC1864L	µPower, 3V, 16-Bit, 150ksps 1- and 2-Channel ADCs in MSOP	PRODUCTION	1	16	150k	82	6	SAR	Pseudo-Differential, Single-Ended	SPI	1.22m
MAX1132	16-Bit ADC, 200ksps, 5V Single-Supply with Reference	PRODUCTION	1	16	200k	92	1	SAR	Single-Ended	SPI	-
MAX1133	16-Bit ADC, 200ksps, 5V Single-Supply with Reference	PRODUCTION	1	16	200k	92	1	SAR	Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC1852	8-Channel, 10-Bit/12-Bit, 400ksps, Low Power, Sampling ADCs	PRODUCTION	8	10	400k	72.5	1	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	10m
LTC1853	8-Channel, 10-Bit/12-Bit, 400ksps, Low Power, Sampling ADCs	PRODUCTION	8	12	400k	72.5	1	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	10m
MAX1086	150ksps, 10-Bit, 2-Channel Single-Ended, and 1-Channel True-Differential ADCs in SOT23 and TDFN	RECOMMENDED FOR NEW DESIGNS	2	10	150k	61	1	SAR	Differential, Single-Ended	SPI	-
MAX1142	14-Bit ADC, 200ksps, +5V Single-Supply with Reference	PRODUCTION	1	14	200k	82	1	SAR	Single-Ended	SPI	-
AD7475	1 MSPS, 12-Bit A/D Converter in MSOP-8 or SOIC-8	PRODUCTION	1	12	1M	-	1	SAR	Single-Ended	SPI	10.5m
LTC1411	Single Supply 14-Bit 2.5Msps ADC	PRODUCTION	1	14	2.5M	80	2	SAR	Pseudo-Differential, Single-Ended	Parallel	195m
MAX1117	Single-Supply, Low-Power, 2-Channel, Serial 8-Bit ADCs	PRODUCTION	2	8	100k	48	1	SAR	Single-Ended	SPI	-
MAX1118	Single-Supply, Low-Power, 2-Channel, Serial 8-Bit ADCs	PRODUCTION	2	8	100k	48	1	SAR	Single-Ended	SPI	-
MAX1119	Single-Supply, Low-Power, 2-Channel, Serial 8-Bit ADCs	PRODUCTION	2	8	100k	49	1	SAR	Single-Ended	SPI	-
MAX115	2x4-Channel, Simultaneous-Sampling 12-Bit ADCs	PRODUCTION	8	12	116k	72	0.6	SAR	Single-Ended	µP/12	-
LTC2415	24-Bit No Latency Delta Sigma ADC with Differential Input and Differential Reference	PRODUCTION	1	24	15	-	234.8	Sigma-Delta	Differential	SPI	1m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2415-1	24-Bit No Latency Delta Sigma ADC with Differential Input and Differential Reference	PRODUCTION	1	24	13.7	-	234.8	Sigma-Delta	Differential	SPI	1m
AD7495	1 MSPS, 12-Bit A/D Converter in MSOP-8 or SOIC-8	PRODUCTION	1	12	1M	-	1.5	SAR	Single-Ended	SPI	13m
MAX1115	Single-Supply, Low-Power, Serial 8-Bit ADCs	PRODUCTION	1	8	100k	48	1	SAR	Single-Ended	SPI	-
MAX1116	Single-Supply, Low-Power, Serial 8-Bit ADCs	PRODUCTION	1	8	100k	48	1	SAR	Single-Ended	SPI	-
LTC2413	24-Bit No Latency ΔΣ™ ADC with Simultaneous 50Hz/60Hz Rejection	PRODUCTION	1	24	6.8	-	234.8	Sigma-Delta	Differential	SPI	1m
MAX1081	300ksps/400ksps, Single-Supply, Low-Power, 8-Channel, Serial 10-Bit ADCs with Internal Reference	PRODUCTION	8	10	300k	60	1	SAR	Differential, Single-Ended	SPI	-
MAX1082	300ksps/400ksps, Single-Supply, 4-Channel, Serial 10-Bit ADCs with Internal Reference	PRODUCTION	4	10	400k	60	1	SAR	Differential, Single-Ended	SPI	-
MAX1083	300ksps/400ksps, Single-Supply, 4-Channel, Serial 10-Bit ADCs with Internal Reference	PRODUCTION	4	10	300k	60	1	SAR	Differential, Single-Ended	SPI	-
MAX1284	400ksps/300ksps, Single-Supply, Low-Power, Serial 12-Bit ADCs with Internal Reference	PRODUCTION	1	12	400k	-	1	SAR	Single-Ended	SPI	-
MAX1285	400ksps/300ksps, Single-Supply, Low-Power, Serial 12-Bit ADCs with Internal Reference	PRODUCTION	1	12	300k	-	1	SAR	Single-Ended	SPI	-
LTC1608	High Speed, 16-Bit, 500ksps Sampling A/D Converter with Shutdown	PRODUCTION	1	16	500k	90	2	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	270m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2411	24-Bit No Latency ΔΣ™ ADC with Differential Input and Reference in MSOP	PRODUCTION	1	24	7.5	-	234.8	Sigma-Delta	Differential	SPI	1m
LTC2411-1	24-Bit No Latency ΔΣ™ ADC with Differential Input and Reference in MSOP	PRODUCTION	1	24	7.5	-	234.8	Sigma-Delta	Differential	SPI	1m
MAX1282	300ksps/400ksps, Single-Supply, 4-Channel, Serial 12-Bit ADCs with Internal Reference	PRODUCTION	4	12	400k	-	1	SAR	Differential, Single-Ended	SPI	-
MAX1283	300ksps/400ksps, Single-Supply, 4-Channel, Serial 12-Bit ADCs with Internal Reference	PRODUCTION	4	12	300k	-	1	SAR	Differential, Single-Ended	SPI	-
MAX1280	400ksps/300ksps, Single-Supply, Low-Power, 8-Channel, Serial 12-Bit ADCs with Internal Reference	PRODUCTION	8	12	400k	-	1	SAR	Differential, Single-Ended	SPI	-
MAX1281	400ksps/300ksps, Single-Supply, Low-Power, 8-Channel, Serial 12-Bit ADCs with Internal Reference	PRODUCTION	8	12	300k	-	1	SAR	Differential, Single-Ended	SPI	-
MAX1085	400ksps/300ksps, Single-Supply, Low-Power, Serial 10-Bit ADCs with Internal Reference	PRODUCTION	1	10	300k	60	1	SAR	Single-Ended	SPI	-
AD1672S	Aerospace 12-Bit 3 MSPS ADC	PRODUCTION	1	12	3M	-	2.5	Pipeline	Single-Ended	Parallel	363m
LTC2410	24-Bit No Latency ΔΣ™ ADC with Differential Input and Differential Reference	PRODUCTION	1	24	7.5	-	234.8	Sigma-Delta	Differential	SPI	1m
LTC1606	16-Bit, 250ksps, Single Supply ADC	PRODUCTION	1	16	250k	90	2	SAR	Single-Ended	Parallel	75m
LTC2424	4-/8-Channel 20-Bit µPower No Latency ΔΣ™ ADCs	PRODUCTION	4	20	7.5	-	10.48	Sigma-Delta	Single-Ended	SPI	1m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC2428	4-/8-Channel 20-Bit µPower No Latency ΔΣ™ ADCs	PRODUCTION	8	20	7.5	-	10.48	Sigma-Delta	Single-Ended	SPI	1m
LTC1609	16-Bit, 200ksps, Serial Sampling ADC with Multiple Input Ranges	PRODUCTION	1	16	200k	87	2	SAR	Single-Ended	SPI	65m
LTC1405	12-Bit, 5Msps, Sampling ADC	PRODUCTION	1	12	5M	-	1	Pipeline	Differential, Single-Ended	Parallel	115m
LTC2401	1-Channel 24-Bit µPower No Latency ΔΣ™ ADCs in MSOP-10	PRODUCTION	1	24	7.5	-	167.7	Sigma-Delta	Single-Ended	SPI	1m
LTC2402	2-Channel 24-Bit µPower No Latency ΔΣ™ ADCs in MSOP-10	PRODUCTION	2	24	7.5	-	167.7	Sigma-Delta	Single-Ended	SPI	1m
LTC2404	4-/8-Channel 24-Bit µPower No Latency Δ∑™ ADCs	PRODUCTION	4	24	7.5	-	167.7	Sigma-Delta	Single-Ended	SPI	1m
MX7575	CMOS, µP Compatible, 5µs/10µs, 8-Bit ADCs	PRODUCTION	1	8	200k	45	1	SAR	Single-Ended	µP/8	-
MX7576	CMOS, µP Compatible, 5µs/10µs, 8-Bit ADCs	PRODUCTION	1	8	100k	45	1	SAR	Single-Ended	µP/8	-
MAX1090	400ksps, +5V, 8-/4-Channel, 10-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	8	10	400k	60	1	SAR	Differential, Single-Ended	µP/8	-
MAX1092	400ksps, +5V, 8-/4-Channel, 10-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	4	10	400k	60	1	SAR	Differential, Single-Ended	µP/8	-
LTC2420	20-Bit µPower No Latency ΔΣ™ ADC in SO-8	PRODUCTION	1	20	7.5	-	10.48	Sigma-Delta	Single-Ended	SPI	1m
MAX1291	250ksps, +3V, 8-/4-Channel, 12-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	8	12	250k	-	1	SAR	Differential, Single-Ended	µP/8	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1293	250ksps, +3V, 8-/4-Channel, 12-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	4	12	250k	-	1	SAR	Differential, Single-Ended	µP/8	-
MAX1295	265ksps, +3V, 6-/2-Channel, 12-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	6	12	265k	-	1	SAR	Differential, Single-Ended	µP/12	-
MAX1296	420ksps, +5V, 6-/2-Channel, 12-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	2	12	420k	-	1	SAR	Differential, Single-Ended	µP/12	-
LTC1402	Serial 12-Bit, 2.2Msps Sampling ADC with Shutdown	PRODUCTION	1	12	2.2M	72	1	SAR	Differential, Pseudo-Differential, Single-Ended	SPI	90m
LTC1420	12-Bit, 10Msps, Sampling ADC	PRODUCTION	1	12	10M	71.4	1	Pipeline	Differential, Single-Ended	Parallel	250m
LTC2408	4-/8-Channel 24-Bit µPower No Latency ΔΣ™ ADCs	PRODUCTION	8	24	7.5	-	167.7	Sigma-Delta	Single-Ended	SPI	1m
MAX1290	400ksps, +5V, 8-/4-Channel, 12-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	8	12	400k	-	1	SAR	Differential, Single-Ended	µP/8	-
MAX1292	400ksps, +5V, 8-/4-Channel, 12-Bit ADCs with +2.5V Reference and Parallel Interface	PRODUCTION	4	12	400k	-	1	SAR	Differential, Single-Ended	µP/8	-
LTC1274	12-Bit, 10mW, 100ksps ADCs with 1µA Shutdown	PRODUCTION	1	12	100k	-	1	SAR	Single-Ended	Parallel	10m
LTC1277	12-Bit, 10mW, 100ksps ADCs with 1µA Shutdown	PRODUCTION	1	12	100k	-	1	SAR	Pseudo-Differential, Single-Ended	Parallel	10m
MAX1270	Multirange, +5V, 8-Channel, Serial 12-Bit ADCs	PRODUCTION	8	12	110k	70	1	SAR	Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1271	Multirange, +5V, 8-Channel, Serial 12-Bit ADCs	PRODUCTION	8	12	110k	70	1	SAR	Single-Ended	SPI	-
MAX110	Low-Cost, 2-Channel, ±14-Bit Serial ADCs	PRODUCTION	2	14	50	-	4.9	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX111	Low-Cost, 2-Channel, ±14-Bit Serial ADCs	PRODUCTION	2	14	50	-	4.9	Sigma-Delta	Differential, Single-Ended	SPI	-
MAX121	308ksps ADC with DSP Interface and 78dB SINAD	PRODUCTION	1	14	308k	78	2	SAR	Single-Ended	SPI	-
MAX150	CMOS, 1.3µs, 8-Bit ADC with Voltage Reference and Track/Hold	PRODUCTION	1	8	500k	-	-	SAR	Single-Ended	µP/8	-
MAX153	1Msps, µP Compatible, 8-Bit ADC with 1µA Power Down	PRODUCTION	1	8	1M	-	-	SAR	Single-Ended	µP/8	-
MAX155	High-Speed, 8-Channel, 8-Bit ADC with Simultaneous Track/Holds and Reference	PRODUCTION	8	8	250k	-	0.5	SAR	Differential, Single-Ended	µP/8	-
MAX156	High-Speed, 8-Channel, 8-Bit ADC with Simultaneous Track/Holds and Reference	PRODUCTION	4	8	250k	-	0.5	SAR	Differential, Single-Ended	µP/8	-
MAX161	CMOS, 20µs, 8-Bit, 8-Channel Data Acquisition System	PRODUCTION	8	8	50k	-	-	SAR	Single-Ended	µP/8	-
MAX162	Complete High-Speed CMOS, 12-Bit ADC	PRODUCTION	1	12	308k	-	1	SAR	Single-Ended	µP/12	-
MAX163	CMOS, 5V Input, 100ksps, 12-Bit ADC with Track/Hold and Reference	PRODUCTION	1	12	100k	-	1	SAR	Single-Ended	µP/12	-
MAX164	CMOS, 5V Input, 100ksps, 12-Bit ADC with Track/Hold and Reference	PRODUCTION	1	12	100k	-	1	SAR	Single-Ended	µP/12	-
MAX165	5µs, 8-Bit ADC with Track/Hold and Reference	PRODUCTION	1	8	200k	-	-	SAR	Single-Ended	µP/8	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX166	5µs, 8-Bit ADC with Track/Hold and Reference	PRODUCTION	1	8	200k	-	-	SAR	Differential	µP/8	-
MAX167	CMOS, 5V Input, 100ksps, 12-Bit ADC with Track/Hold and Reference	PRODUCTION	1	12	100k	-	1	SAR	Single-Ended	µP/12	-
MAX174	Industry-Standard, Complete 12-Bit ADCs	PRODUCTION	1	12	125k	-	1	SAR	Single-Ended	µP/12	-
MAX176	Serial Output, 250ksps, 12-Bit ADC with Track/Hold and Reference	PRODUCTION	1	12	250k	-	1	SAR	Single-Ended	SPI	-
MAX190	75ksps, 5V, 12-Bit ADC with Track/Hold and Reference	PRODUCTION	1	12	76k	-	1	SAR	Differential	µP/8, SPI	-
MAX197	Multi-Range (±10V, ±5V, +10V, +5V), Single +5V, 12-Bit DAS with 8+4 Bus Interface	PRODUCTION	8	12	100k	-	1	SAR	Single-Ended	µP/8	-
MX574A	Industry-Standard, Complete 12-Bit ADCs	PRODUCTION	1	12	40k	-	1	SAR	Single-Ended	µP/12	-
MX674A	Industry-Standard, Complete 12-Bit ADCs	PRODUCTION	1	12	66k	-	0.5	SAR	Single-Ended	µP/12	-
MX7572	Complete High-Speed CMOS, 12-Bit ADC	PRODUCTION	1	12	308k	-	1	SAR	Single-Ended	µP/12	-
MX7582	Calibrated 4-Channel 12-Bit ADC	PRODUCTION	4	12	10k	-	-	SAR	Single-Ended	µP/8	-
MX7821	µP-Compatible, 660ns, 8-Bit ADC with Track/Hold	PRODUCTION	1	8	500k	45	-	SAR	Single-Ended	µP/8	-
MX7824	CMOS, High-Speed, 8-Bit ADC with 4- or 8-Channel Multiplexer	PRODUCTION	4	8	400k	-	-	SAR	Single-Ended	µP/8	-
MX7828	CMOS, High-Speed, 8-Bit ADC with 4- or 8-Channel Multiplexer	PRODUCTION	8	8	400k	-	-	SAR	Single-Ended	µP/8	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX186	Low-Power, 8-Channel, Serial 12-Bit ADCs	PRODUCTION	8	12	133k	-	-	SAR	Differential, Single-Ended	SPI	-
MAX188	Low-Power, 8-Channel, Serial 12-Bit ADCs	PRODUCTION	8	12	133k	-	-	SAR	Differential, Single-Ended	SPI	-
MAX132	±18-Bit ADC with Serial Interface	PRODUCTION	1	18	100	-	4	MS	Differential	SPI	-
MAX152	3V, 8-Bit ADC with 1µA Power Down	PRODUCTION	1	8	400k	-	-	SAR	Single-Ended	µP/8	-
MAX192	Low-Power, 8-Channel, Serial 10-Bit ADC	PRODUCTION	8	10	133k	-	0.5	SAR	Differential, Single-Ended	SPI	-
MAX194	14-Bit, 85ksps ADC with 10µA Shutdown	PRODUCTION	1	14	85k	-	1	SAR	Single-Ended	SPI	-
MAX195	16-Bit, 85ksps ADC with 10µA Shutdown	PRODUCTION	1	16	85k	-	1.96608	SAR	Single-Ended	SPI	-
MAX1401	+3V, 18-Bit, Low-Power, Multichannel, Oversampling (Sigma-Delta) ADC	PRODUCTION	5	18	4.8k	-	3.93216	Sigma-Delta	Differential	SPI	-
MAX1403	+3V, 18-Bit, Low-Power, Multichannel, Oversampling (Sigma-Delta) ADC	PRODUCTION	5	18	4.8k	-	3	Sigma-Delta	Differential	SPI	-
MAX1106	Single-Supply, Low-Power, Serial 8-Bit ADCs	PRODUCTION	1	8	25k	49	0.2	SAR	Differential, Single-Ended	SPI	-
MAX1107	Single-Supply, Low-Power, Serial 8-Bit ADCs	PRODUCTION	1	8	25k	49	0.15	SAR	Differential, Single-Ended	SPI	-
LTC1417	Low Power 14-Bit, 400ksps Sampling ADC Converter with Serial I/O	PRODUCTION	1	14	400k	81	1.25	SAR	Pseudo-Differential, Single-Ended	SPI	20m
MAX1400	+5V 18-Bit Low-Power Multichannel Oversampling (Sigma-Delta) ADC	PRODUCTION	5	18	4.8k	-	3.93216	Sigma-Delta	Differential	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1402	+5V, 18-Bit, Low-Power, Multichannel, Oversampling (Sigma-Delta) ADC	PRODUCTION	5	18	4.8k	-	3.93216	Sigma-Delta	Differential	SPI	-
MAX1205	+5V Single-Supply, 1Msps, 14-Bit Self-Calibrating ADC	PRODUCTION	1	14	1M	80	1.2	-	Differential, Single-Ended	µP/14	-
MAX157	+2.7V, Low-Power, 2-Channel, 108ksps, Serial 10-Bit ADCs in 8-Pin µMAX	PRODUCTION	2	10	108k	-	1	SAR	Single-Ended	SPI	-
MAX144	+2.7V, Low-Power, 2-Channel, 108ksps, Serial 12-Bit ADCs in 8-Pin µMAX	PRODUCTION	2	12	108k	-	1	SAR	Single-Ended	SPI	-
MAX145	+2.7V, Low-Power, 2-Channel, 108ksps, Serial 12-Bit ADCs in 8-Pin µMAX	PRODUCTION	1	12	108k	-	1	SAR	Single-Ended	SPI	-
MAX1108	Single-Supply, Low-Power, 2-Channel, Serial 8-Bit ADCs	PRODUCTION	2	8	50k	49	0.2	SAR	Differential, Single-Ended	SPI	-
MAX1109	Single-Supply, Low-Power, 2-Channel, Serial 8-Bit ADCs	PRODUCTION	2	8	50k	49	0.15	SAR	Differential, Single-Ended	SPI	-
MAX191	Low-Power, 12-Bit Sampling ADC with Internal Reference and Power-Down	PRODUCTION	1	12	100k	-	1	SAR	Differential	µP/8, SPI	-
LTC2400	24-Bit µPower No Latency ΔΣ™ ADC in SO-8	PRODUCTION	1	24	7.5	-	167.7	Sigma-Delta	Single-Ended	SPI	1m
LTC1414	14-Bit, 2.2 Msps, Sampling A/D Converter	PRODUCTION	1	14	2.2M	80	2	SAR	Pseudo-Differential, Single-Ended	Parallel	175m
MAX127	Multirange, +5V, 12-Bit DAS with 2-Wire Serial Interface	PRODUCTION	8	12	8k	70	1	SAR	Single-Ended	I2C	-
MAX128	Multirange, +5V, 12-Bit DAS with 2-Wire Serial Interface	PRODUCTION	8	12	8k	-	1	SAR	Single-Ended	I2C	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC1412	12-Bit, 3Msps, Sampling A/D Converter	PRODUCTION	1	12	3M	72	1	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	150m
LTC1401	Complete SO-8, 12-Bit, 200ksps ADC with Shutdown	PRODUCTION	1	12	200k	68	1	SAR	Single-Ended	SPI	15m
LTC1418	Low Power, 14-Bit, 200ksps ADC with Serial and Parallel I/O	PRODUCTION	1	14	200k	81.5	1.25	SAR	Pseudo-Differential, Single-Ended	Parallel, SPI	15m
LTC1604	High Speed, 16-Bit, 333ksps Sampling A/D Converter with Shutdown	PRODUCTION	1	16	333k	90	4	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	220m
LTC1604A	High Speed, 16-Bit, 333ksps Sampling A/D Converter with Shutdown	PRODUCTION	1	16	333k	90	2	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	220m
LTC1416	Low Power 14-Bit, 400ksps Sampling ADC	PRODUCTION	1	14	400k	80.5	2	SAR	Pseudo-Differential, Single-Ended	Parallel	70m
MAX125	2x4-Channel, Simultaneous-Sampling, 14-Bit DAS	PRODUCTION	8	14	250k	75	2	SAR	Single-Ended	µP/14	-
MAX126	2x4-Channel, Simultaneous-Sampling, 14-Bit DAS	PRODUCTION	8	14	250k	75	2	SAR	Single-Ended	µP/14	-
MAX1240	+2.7V, Low-Power, 12-Bit Serial ADCs in 8-Pin SO	PRODUCTION	1	12	73k	70	1	SAR	Single-Ended	SPI	-
MAX1241	+2.7V, Low-Power, 12-Bit Serial ADCs in 8-Pin SO	PRODUCTION	1	12	73k	70	1	SAR	Single-Ended	SPI	-
MAX1242	+2.7V to +5.25V, Low-Power, 10-Bit Serial ADCs in SO-8	PRODUCTION	1	10	73k	66	0.5	SAR	Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1243	+2.7V to +5.25V, Low-Power, 10-Bit Serial ADCs in SO-8	PRODUCTION	1	10	73k	66	0.5	SAR	Single-Ended	SPI	-
MAX146	+2.7V, Low-Power, 8-Channel, Serial 12-Bit ADCs	PRODUCTION	8	12	133k	-	1	SAR	Differential, Single-Ended	SPI	-
MAX147	+2.7V, Low-Power, 8-Channel, Serial 12-Bit ADCs	PRODUCTION	8	12	133k	-	1	SAR	Differential, Single-Ended	SPI	-
LTC1197	10-Bit, 500ksps ADCs in MSOP with Auto Shutdown	PRODUCTION	1	10	500k	-	1	SAR	Pseudo-Differential, Single-Ended	SPI	22.5m
LTC1197L	10-Bit, 500ksps ADCs in MSOP with Auto Shutdown	PRODUCTION	1	10	250k	-	1	SAR	Pseudo-Differential, Single-Ended	SPI	2.2m
LTC1199	10-Bit, 500ksps ADCs in MSOP with Auto Shutdown	PRODUCTION	2	10	450k	-	1	SAR	Pseudo-Differential, Single-Ended	SPI	25m
LTC1199L	10-Bit, 500ksps ADCs in MSOP with Auto Shutdown	PRODUCTION	2	10	210k	-	1	SAR	Pseudo-Differential, Single-Ended	SPI	2.2m
LTC1286	Micropower Sampling 12-Bit A/D Converters In S0-8 Packages	PRODUCTION	1	12	12.5k	71	2	SAR	Pseudo-Differential, Single-Ended	SPI	1.25m
LTC1298	Micropower Sampling 12-Bit A/D Converters In S0-8 Packages	PRODUCTION	2	12	11.1k	68	2	SAR	Pseudo-Differential, Single-Ended	SPI	1.8m
MAX1112	+5V, Low-Power, Multichannel, Serial 8-Bit ADCs	PRODUCTION	8	8	50k	49	0.1	SAR	Differential, Single-Ended	SPI	-
MAX1113	+5V, Low-Power, Multichannel, Serial 8-Bit ADCs	PRODUCTION	4	8	50k	49	0.1	SAR	Differential, Single-Ended	SPI	-
MAX1246	+2.7V, Low-Power, 4-Channel, Serial 12-Bit ADCs in QSOP-16	PRODUCTION	4	12	133k	70	1	SAR	Differential, Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1247	+2.7V, Low-Power, 4-Channel, Serial 12-Bit ADCs in QSOP-16	PRODUCTION	4	12	133k	70	1	SAR	Differential, Single-Ended	SPI	-
MAX1248	+2.7V to +5.25V, Low-Power, 4-Channel, Serial, 10-Bit ADCs in QSOP-16	PRODUCTION	4	10	133k	66	1	SAR	Differential, Single-Ended	SPI	-
MAX1249	+2.7V to +5.25V, Low-Power, 4-Channel, Serial, 10-Bit ADCs in QSOP-16	PRODUCTION	4	10	133k	64	1	SAR	Differential, Single-Ended	SPI	-
MAX1110	+2.7V, Low-Power, Multichannel, Serial, 8-Bit ADCs	PRODUCTION	8	8	50k	49	0.2	SAR	Differential, Single-Ended	SPI	-
MAX1111	+2.7V, Low-Power, Multichannel, Serial, 8-Bit ADCs	PRODUCTION	4	8	50k	49	0.2	SAR	Differential, Single-Ended	SPI	-
MAX154	CMOS High-Speed, 8-Bit ADCs with Multiplexer and Reference	PRODUCTION	4	8	400k	-	-	SAR	Single-Ended	µP/8	-
MAX158	CMOS High-Speed, 8-Bit ADCs with Multiplexer and Reference	PRODUCTION	8	8	400k	-	-	SAR	Single-Ended	µP/8	-
LTC1419	14-Bit, 800ksps Sampling A/D Converter with Shutdown	PRODUCTION	1	14	800k	81	1.25	SAR	Pseudo-Differential, Single-Ended	Parallel	150m
LTC1605	16-Bit, 100ksps, Sampling ADC	PRODUCTION	1	16	100k	86	2	SAR	Single-Ended	Parallel	55m
LTC1605-1	Single Supply 16-Bit, 100ksps, Sampling ADCs	PRODUCTION	1	16	100k	86	3	SAR	Single-Ended	Parallel	55m
LTC1605-2	Single Supply 16-Bit, 100ksps, Sampling ADCs	PRODUCTION	1	16	100k	86	3	SAR	Single-Ended	Parallel	55m
MAX1202	5V, 8-Channel, Serial, 12-Bit ADCs with 3V Digital Interface	PRODUCTION	8	12	133k	70	1	SAR	Differential, Single-Ended	SPI	-
MAX1203	5V, 8-Channel, Serial, 12-Bit ADCs with 3V Digital Interface	PRODUCTION	8	12	133k	71	1	SAR	Differential, Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX1204	5V, 8-Channel, Serial, 10-Bit ADC with 3V Digital Interface	PRODUCTION	8	10	133k	66	1	SAR	Differential, Single-Ended	SPI	-
LTC1409	12-Bit, 800ksps Sampling A/D Converter with Shutdown	PRODUCTION	1	12	800k	72.5	1	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	80m
LTC1410	12-Bit, 1.25Msps, Sampling A/D Converter with Shutdown	PRODUCTION	1	12	1.25M	71	1	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	160m
LTC1415	12-Bit, 1.25Msps, 55mW Sampling A/D Converter	PRODUCTION	1	12	1.25M	72	1	SAR	Differential, Pseudo-Differential, Single-Ended	Parallel	55m
MAX113	+3V, 400ksps, 4/8 Channel, 8-Bit ADCs with 1µA Power Down	PRODUCTION	4	8	400k	45	1	Flash	Single-Ended	µP/8	-
MAX114	+5V, 1Msps, 4 and 8-Channel, 8-Bit ADCs with 1µA Power-Down	PRODUCTION	4	8	1M	49	-	Flash	Single-Ended	µP/8	-
MAX117	+3V, 400ksps, 4/8 Channel, 8-Bit ADCs with 1µA Power Down	PRODUCTION	8	8	400k	70	1	Flash	Single-Ended	µP/8	-
MAX118	+5V, 1Msps, 4 and 8-Channel, 8-Bit ADCs with 1µA Power-Down	PRODUCTION	8	8	1M	70	-	Flash	Single-Ended	µP/8	-
LTC1598	8-Channel, Micropower Sampling 12-Bit Serial I/O A/D Converter	PRODUCTION	8	12	16.8k	68	3	SAR	Pseudo-Differential, Single-Ended	SPI	1.6m
LTC1598L	4- and 8-Channel, 3V Micropower Sampling 12-Bit Serial I/O A/D Converters	PRODUCTION	8	12	10.5k	68	3	SAR	Pseudo-Differential, Single-Ended	SPI	480µ
MAX1245	+2.375V, Low-Power, 8-Channel, Serial 12-Bit ADC	PRODUCTION	8	12	100k	70	1	SAR	Differential, Single-Ended	SPI	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC1096	Micropower Sampling 8-Bit Serial I/O A/D Converters	PRODUCTION	1	8	33k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	600µ
LTC1096A	Micropower Sampling 8-Bit Serial I/O A/D Converters	PRODUCTION	1	8	33k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	600µ
LTC1096L	Micropower Sampling 8-Bit Serial I/O A/D Converters	PRODUCTION	1	8	16.5k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	360µ
LTC1098	Micropower Sampling 8-Bit Serial I/O A/D Converters	PRODUCTION	2	8	33k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	780µ
LTC1098A	Micropower Sampling 8-Bit Serial I/O A/D Converters	PRODUCTION	2	8	33k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	780µ
LTC1098L	Micropower Sampling 8-Bit Serial I/O A/D Converters	PRODUCTION	2	8	16.5k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	470µ
LTC1400	Complete SO-8, 12-Bit, 400ksps ADC with Shutdown	PRODUCTION	1	12	400k	72	1	SAR	Single-Ended	SPI	75m
MAX148	+2.7V to +5.25V Low-Power 8-Channel Serial 10-Bit ADCs	PRODUCTION	8	10	133k	-	1	SAR	Differential, Single-Ended	SPI	-
MAX149	+2.7V to +5.25V Low-Power 8-Channel Serial 10-Bit ADCs	PRODUCTION	8	10	133k	-	1	SAR	Differential, Single-Ended	SPI	-
ADC0820	CMOS High-Speed 8-Bit A/D Converter with Track/Hold Function	PRODUCTION	1	8	400k	-	-	Flash	Single-Ended	µP/8	-
LTC1594	4-Channel, Micropower Sampling 12-Bit Serial I/O A/D Converter	PRODUCTION	4	12	16.8k	68	3	SAR	Pseudo-Differential, Single-Ended	SPI	1.6m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC1594L	4- and 8-Channel, 3V Micropower Sampling 12-Bit Serial I/O A/D Converters	PRODUCTION	4	12	10.5k	68	3	SAR	Pseudo-Differential, Single-Ended	SPI	480µ
MAX196	6-Channel, Multirange, 5V, 12-Bit DAS with 12-Bit Bus Interface and Fault Protection	PRODUCTION	6	12	100k	-	1	SAR	Single-Ended	µP/12	-
MAX198	6-Channel, Multirange, 5V, 12-Bit DAS with 12-Bit Bus Interface and Fault Protection	PRODUCTION	6	12	100k	-	1	SAR	Single-Ended	µP/12	-
MAX199	8-Channel, Multi-Range, 5V, 12-Bit DAS with 8+4 Bus Interface and Fault Protection	PRODUCTION	8	12	100k	-	1	SAR	Single-Ended	µP/8	-
LTC1279	12-Bit, 600ksps Sampling A/D Converter with Shutdown	PRODUCTION	1	12	600k	-	1	SAR	Single-Ended	Parallel	60m
LTC1278-4	12-Bit, 500ksps Sampling A/D Converter with Shutdown	PRODUCTION	1	12	400k	-	1	SAR	Single-Ended	Parallel	75m
LTC1278-5	12-Bit, 500ksps Sampling A/D Converter with Shutdown	PRODUCTION	1	12	500k	70	1	SAR	Single-Ended	Parallel	75m
LTC1285	3V Micropower Sampling 12-Bit A/D Converters in SO-8 Packages	PRODUCTION	1	12	7.5k	-	2	SAR	Pseudo-Differential, Single-Ended	SPI	480µ
LTC1288	3V Micropower Sampling 12-Bit A/D Converters in SO-8 Packages	PRODUCTION	2	12	6.6k	-	2	SAR	Pseudo-Differential, Single-Ended	SPI	630µ
LTC1290	Single Chip 12-Bit Data Acquisition System	PRODUCTION	8	12	50k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	30m
LTC1296	Single Chip 12-Bit Data Acquisition System	PRODUCTION	8	12	46k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	30m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX187	+5V, Low-Power, 12-Bit Serial ADCs	PRODUCTION	1	12	75k	-	-	SAR	Single-Ended	SPI	-
MAX189	+5V, Low-Power, 12-Bit Serial ADCs	PRODUCTION	1	12	75k	-	-	SAR	Single-Ended	SPI	-
LTC1198-1	8-Bit, SO-8, 1Msps ADCs with Auto-Shutdown Options	PRODUCTION	2	8	750k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	50m
LTC1198-2	8-Bit, SO-8, 1Msps ADCs with Auto-Shutdown Options	PRODUCTION	2	8	600k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	50m
LTC1196-1	8-Bit, SO-8, 1Msps ADCs with Auto-Shutdown Options	PRODUCTION	1	8	1M	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	50m
LTC1196-2	8-Bit, SO-8, 1Msps ADCs with Auto-Shutdown Options	PRODUCTION	1	8	800k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	50m
LTC1282	3V 140ksps 12-Bit Sampling A/D Converter with Reference	PRODUCTION	1	12	140k	-	0.5	SAR	Single-Ended	Parallel	12m
LTC1272-3	12-Bit, 3µs, 250kHz Sampling A/D Converter	PRODUCTION	1	12	250k	-	0.5	SAR	Single-Ended	Parallel	75m
LTC1272-8	12-Bit, 3µs, 250kHz Sampling A/D Converter	PRODUCTION	1	12	110k	-	0.5	SAR	Single-Ended	Parallel	75m
LTC1273	12-Bit, 300ksps Sampling A/D Converters with Reference	PRODUCTION	1	12	300k	-	0.5	SAR	Single-Ended	Parallel	75m
LTC1275	12-Bit, 300ksps Sampling A/D Converters with Reference	PRODUCTION	1	12	300k	-	0.5	SAR	Single-Ended	Parallel	75m
LTC1276	12-Bit, 300ksps Sampling A/D Converters with Reference	PRODUCTION	1	12	300k	-	0.5	SAR	Single-Ended	Parallel	75m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC1297	Single Chip 12-Bit Data Acquisition Systems	PRODUCTION	1	12	50k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	30m
MAX120	500ksps, Sampling, 12-Bit ADC with Track/Hold and Reference	PRODUCTION	1	12	500k	72	1	SAR	Single-Ended	µP/12	-
MAX122	500ksps, Sampling, 12-Bit ADC with Track/Hold and Reference	PRODUCTION	1	12	333k	70	1	SAR	Single-Ended	µP/12	-
LTC1283	3V Single Chip 10-Bit Data Acquisition System	LAST TIME BUY	8	10	15k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	1.15m
LTC1287	3V Single Chip 12-Bit Data Acquisition System	PRODUCTION	1	12	30k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	4.5m
LTC1289	3 Volt Single Chip 12-Bit Data Acquisition System	PRODUCTION	8	12	25k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	4.5m
LTC1291	Single Chip 12-Bit Data Acquisition System	PRODUCTION	2	12	54k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	30m
LTC1293	Single Chip 12-Bit Data Acquisition System	PRODUCTION	6	12	46.5k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	30m
LTC1294	Single Chip 12-Bit Data Acquisition System	PRODUCTION	8	12	46k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	30m
LTC1292	Single Chip 12-Bit Data Acquisition Systems	PRODUCTION	1	12	60k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	30m
MAX135	±15-Bit, Low-Power ADC with Parallel Interface	PRODUCTION	1	15	1.6	-	-	MS	Differential	µP/8	-

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
MAX170	Serial Output, 5.6µs, 12-Bit ADC with Reference	PRODUCTION	1	12	125k	-	0.75	SAR	Single-Ended	SPI	-
MAX180	Complete, 100ksps, 8-Channel, 12-Bit Data Acquisition Systems	PRODUCTION	8	12	100k	-	1	SAR	Differential, Single-Ended	µP/16	-
MAX183	3µs, 12-Bit ADC	PRODUCTION	1	12	308k	-	1	SAR	Single-Ended	µP/12	-
MAX185	3µs, 12-Bit ADC	PRODUCTION	1	12	96k	-	1	SAR	Single-Ended	µP/12	-
MX7672	High-Speed 12-Bit ADC with External Reference Input	PRODUCTION	1	12	308k	-	1	SAR	Single-Ended	µP/12	-
MAX172	Complete 10µs CMOS 12-Bit ADC	PRODUCTION	1	12	100k	-	0.75	SAR	Single-Ended	µP/12	-
MAX182	Calibrated, 4-Channel, 12-Bit ADC with Track/Hold and Reference	PRODUCTION	4	12	17k	-	-	SAR	Single-Ended	µP/8	-
MX7578	Calibrated 12-Bit ADC	PRODUCTION	1	12	10k	-	-	SAR	Single-Ended	µP/8	-
MAX178	Calibrated, 12-Bit ADC with Track/Hold and Reference	PRODUCTION	1	12	17k	-	-	SAR	Single-Ended	µP/12	-
MAX173	CMOS, 5µs, 10-Bit ADC with Reference	PRODUCTION	1	10	200k	-	0.512	SAR	Single-Ended	µP/12	-
LTC1093	1-, 2-, 6- and 8-Channel, 10-Bit Serial I/O Data Acquisition Systems	PRODUCTION	6	10	26k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	5m
LTC1094	1-, 2-, 6- and 8-Channel, 10-Bit Serial I/O Data Acquisition Systems	PRODUCTION	8	10	26k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	5m
LTC1099	High Speed 8-Bit A/D Converter with Built-In Sample-and-Hold	PRODUCTION	1	8	400k	-	0.5	SAR	Single-Ended	Parallel	55m

	Description	Product Lifecycle	Channels	Resolution	Sample Rate max	ADC SNR in dBFS typ	ADC INL max	Device Architecture	Input Type	Data Output Interface	Power typ
LTC1092	1-, 2-, 6- and 8-Channel, 10-Bit Serial I/O Data Acquisition Systems	PRODUCTION	1	10	38k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	5m
LTC1091	1-, 2-, 6- and 8-Channel, 10-Bit Serial I/O Data Acquisition Systems	PRODUCTION	2	10	31k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	7.5m
MAX160	CMOS, µP Compatible, 4µs, 8-Bit ADC	PRODUCTION	1	8	250k	-	-	SAR	Single-Ended	µP/8	-
MX7574	CMOS, µP Compatible, 4µs, 8-Bit ADC	PRODUCTION	1	8	66.7k	-	-	SAR	Single-Ended	µP/8	-
LTC1090	Single Chip 10-Bit Data Acquisition System	PRODUCTION	8	10	30k	-	0.5	SAR	Pseudo-Differential, Single-Ended	SPI	5m
ADAQ4380-4	Quad, 16-bit, 4 MSPS, Simultaneous Sampling, µModule Data Acquisition Solution	RECOMMENDED FOR NEW DESIGNS	4	16	4M	92	2	SAR	Differential, Single-Ended	SPI	280m
ADAQ4370-4	Quad, 16-bit, 2 MSPS, Simultaneous Sampling, µModule Data Acquisition Solution	PRE-RELEASE	4	16	2M	91	2	SAR	Differential, Single-Ended	SPI	223
ADAQ4381-4	Quad, 14-bit, 4 MSPS, Simultaneous Sampling, µModule Data Acquisition Solution	PRE-RELEASE	4	14	4M	85	1	SAR	Differental, Single-Ended	SPI	280m

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