

TEXAS INSTRUMENTS - ANALOG TO DIGITAL CONVERTER SELECTION
(CONT.)

Mfg. Part No.	Description	Stock No.	Price Each 1-9+
AEC-Q100 Qualified, Precision ADC			
● ADS1018QDGSQR1	4-CH 12 bit 3.3 kSPS Single VSSOP	78Y9386	---
● ADS1118QDGSQR1	4-CH 16 bit 860 SPS Single VSSOP	78Y9387	2.79
High Speed ADC			
● ADS5471RGZT	14 bit 210 MSPS Single QFN	21M9195	---
● ADS8320E/250	16 bit 100 kSPS Single VSSOP	35C1581	---
Low Noise, Precision, Sigma Delta ADC			
● ADS1256IDBT	24 bit 30 kSPS Single SSOP	73H4119	16.60
● ADS1255IDBR	24 bit 30 kSPS Single SSOP	86W5953	---
Low Power, High Speed ADC			
ADC3442EVM	EVALUATION BOARD	38Y6595	38.13
● ADC34J22IRGZ25	12 bit 50 MSPS Single VQFN	52Y0789	---
ADC3421EVM	EVALUATION BOARD, 12BIT ADC	58Y6060	38.13
● ADC3421IRTQ25	4-CH 12 bit 25 MSPS Single VQFN	78Y8966	---
● ADC3422IRTQ25	4-CH 12 bit 50 MSPS Single VQFN	78Y8967	---
● ADC3423IRTQ25	4-CH 12 bit 80 MSPS Single VQFN	78Y8968	---
● ADC3424IRTQ25	4-CH 12 bit 125 MSPS Single VQFN	78Y8969	---
● ADC3441IRTQ25	4-CH 14 bit 25 MSPS Single VQFN	78Y8970	---
● ADC3442IRTQ25	4-CH 14 bit 50 MSPS Single VQFN	78Y8971	---
● ADC3443IRTQ25	4-CH 14 bit 80 MSPS Single VQFN	78Y8972	---
● ADC3444IRTQ25	4-CH 14 bit 125 MSPS Single VQFN	78Y8973	---
Low Power, Precision ADC			
430BOOST-ADS1118	EVALUATION BOARD, ADC	11X5260	24.16
● ADS1118IDGST	16 bit 860 SPS Single VSSOP	57Y9643	---
● ADS8325BDGKT	16 bit 100 kSPS Single VSSOP	80K5561	17.74
Low Power, Precision SAR ADC			
● ADCS7476A1MF/NOPB	12 bit 1 MSPS Single SOT-23	41K1406	---
● ADC104S021CIMM/NOPB	10 bit 200 kSPS Single SOP	41K1538	1.38
● ADC122S021CIMM/NOPB	12 bit 200 kSPS Single SOP	41K1597	1.36
Medical Front End ADC			
● ADS1298RIZXGT	24 bit 32 kSPS Single NFBGA	32T2533	---
Precision, Sigma Delta ADC			
● ADS1248IPW	24 bit 2 kSPS Single TSSOP	05R0320	---
● ADS1274IPAPT	24 bit 144 kSPS Single HTQFP	28X4190	---
● ADS1274IPAPT	24 bit 144 kSPS Single HTQFP	50M8809	27.43
● ADS1278IPAPT	24 bit 144 kSPS Single QFP	50M8811	36.10
● ADS1262IPW	32 bit 38.4 kSPS Dual (+/-) TSSOP	51Y6160	---
● ADS1263IPW	32 bit 38.4 kSPS Dual (+/-) TSSOP	53Y0369	---
● ADS1258IRTCT	24 bit 125 kSPS Single VQFN	63K4828	---
Precision ADC			
● ADS1115IDGST	16 bit 860 SPS Single VSSOP	28X4185	---
Precision Analog-to-Digital Converter with 8051 Microcontroller			
● MSC1210Y5PAGT	24 bit 1 kSPS Single TQFP	75C3980	---
Precision SAR ADC			
● ADS8507IBDW	16 bit 40 kSPS Single SOIC	26M8851	19.31
● TLC2543CDW	12 bit 66 kSPS Single SOIC	36K7646	---
● ADS8505IBDW	16 bit 250 kSPS Single SOIC	63K4845	---
● ADS7828E/250	12 bit 50 kSPS Single TSSOP	74C7158	6.84
● ADS7828EB/250	12 bit 50 kSPS Single TSSOP	74C7160	4.69
Pseudo Diff Input, Precision ADC			
● ADS8326IDGKT	16 bit 250 kSPS Single VSSOP	28X4199	---
Self Calibrating, Precision ADC			
● LM12H458C/NOPB	13 bit 182 kSPS Single LCC	41K3492	---
● ADS1112IDGST	16 bit 240 SPS Single VSSOP	73H4116	---

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LINEAR TECHNOLOGY - ANALOG TO DIGITAL CONVERTER SELECTION



Linear Technology offers a complete family of high performance analog to digital converter products, including 16-bit to 24-bit delta sigma converters for precision measurements, up to 16-bit high-speed pipeline ADCs for communications and 8-bit to 20-bit low power successive approximation register (SAR) analog to digital converter for everything in between.

Mfg. Part No.	Description	Stock No.	Price Each 1-24+
LTC1290 - Single Chip 12-Bit Data Acquisition System			
● LTC1290CCN#PBF	Octal 12 bit 50 kSPS Dual (+/-) -DIP	56M0096	---
LTC129x - Single Chip 12-Bit Data Acquisition System			
● LTC1292CCN#PBF	12 bit 60 kSPS Single DIP	56M0139	---
● LTC1294CCN#PBF	12 bit 46.5 kSPS Single DIP	56M0172	---
LTC1402 - Serial 12-Bit, 2.2Msps Sampling ADC with Shutdown			
● LTC1402CCN#PBF	12 bit 2.2 MSPS Single SSOP	28M8968	---

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LINEAR TECHNOLOGY - ANALOG TO DIGITAL CONVERTER SELECTION
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Mfg. Part No.	Description	Stock No.	Price Each 1-24+
LTC1608 - High Speed, 16-Bit, 500ksps Sampling A/D Converter with Shutdown			
● LTC1608CG#PBF	16 bit 500 kSPS Single SSOP	56M2631	---
LTC1859 - 8-Channel, 16-Bit, 100ksps SoftSpan A/D Converters with Shutdown			
● LTC1859CG#PBF	16 bit 100 kSPS Single SSOP	56M4002	---
● LTC1859IG#PBF	16 bit 100 kSPS Single SSOP	56M4006	---
LTC1863 - 12-bit, 8-Channel 200ksps ADCs			
● LTC1863UGN#PBF	Octal 12 bit 175 kSPS Single SSOP	56M4086	---
LTC1864 - μPower, 16-Bit, 250ksps 1- and 2-Channel ADCs in SOIC			
● LTC1864CS#PBF	16 bit 250 kSPS Single SOIC	56M4110	---
LTC1867 - 16-Bit, 8-Channel 200ksps ADCs			
DC806A	LTC1867 Dev Kit ADC	08W0136	---
● LTC1867ACGN#PBF	Octal 16 bit 200 kSPS Single SSOP	56M4218	---
LTC220x - High Speed, 16-Bit, ADC			
● LTC2203CUK#PBF	16 bit 25 MSPS Single QFN	56M4816	---
● LTC2203IUK#PBF	16 bit 25 MSPS Single QFN	56M4820	---
● LTC2207IUK#PBF	16 bit 105 MSPS Single QFN	56M4876	---
LTC2249 - 14-Bit, 80Msps Low Power 3V ADC			
● LTC2249IUH#PBF	14 bit 80 MSPS Single QFN	56M5162	---
LTC2284 - Dual 14-Bit, 105Msps Low Power 3V ADC			
● LTC2284IUP#PBF	14 bit 105 MSPS Single QFN	56M5250	---
LTC2311 - Differential Input ADC with Wide Input Common Mode Range			
● LTC2311CMSE-14#PBF	SAR 14 bit 5 MSPS Single MSOP	90Y9301	4.23
● LTC2311CMSE-16#PBF	SAR 16 bit 5 MSPS Single MSOP	90Y9302	---
● LTC2311HMS-14#PBF	SAR 14 bit 5 MSPS Single MSOP	90Y9303	5.60
● LTC2311HMS-16#PBF	SAR 16 bit 5 MSPS Single MSOP	90Y9304	---
● LTC2311MSE-14#PBF	SAR 14 bit 5 MSPS Single MSOP	90Y9305	---
● LTC2311MSE-16#PBF	SAR 16 bit 5 MSPS Single MSOP	90Y9306	---
LTC2314 - 14-Bit, 4.5Msps Serial Sampling ADC			
● LTC2314CTS8-14#TRMPBF	14 bit 4.5 MSPS Single TSOT-23	72W4001	---
LTC2368 - 18-Bit, 1Msps, Pseudo-Differential Unipolar SAR ADC			
● LTC2368CMS-18#PBF	18 bit 1 MSPS Single MSOP	82T3881	---
LTC237x - Low Power SAR ADC			
● LTC2379CMS-18#PBF	18 bit 1.6 MSPS Single MSOP	59T5449	---
● LTC2377CMS-20#PBF	20 bit 500 kSPS Single MSOP	94W8381	---
● LTC2378CDE-20#PBF	20 bit 1 MSPS Single DFN	94W8387	---
LTC2380 - 2 Msps, Low Power SAR ADC			
● LTC2380IMS-24#PBF	Low Power SAR 24 bit 2 MSPS Single MSOP	70Y5360	---
LTC2380 - Low Power SAR ADC			
● LTC2380IDE-24#PBF	Low Power SAR 24 bit 2 MSPS Single DFN	70Y5358	---
LTC23xx - 8-Channel Differential Input SoftSpan ADC			
DC2094A-A	LTC2348-18 Dev Kit ADC	49Y1626	---
● LTC2348HLX-18#PBF	Octal 18 bit 200 kSPS Single LQFP	49Y1636	---
● LTC2348CLX-16#PBF	16 bit 200 kSPS Single LQFP	66Y7060	---
● LTC2335CLX-16#PBF	8-CH 16 bit 1 MSPS Single LQFP	78Y0576	---
● LTC2335CLX-18#PBF	8-CH 18 bit 1 MSPS Single LQFP	78Y0577	---
● LTC2335HLX-16#PBF	8-CH 16 bit 1 MSPS Single LQFP	78Y0578	---
● LTC2335HLX-18#PBF	8-CH 18 bit 1 MSPS Single LQFP	78Y0579	---
● LTC2335ILX-16#PBF	8-CH 16 bit 1 MSPS Single LQFP	78Y0580	---
● LTC2335ILX-18#PBF	8-CH 18 bit 1 MSPS Single LQFP	78Y0581	---
● LTC2345CUK-16#PBF	16 bit 200 kSPS Single QFN	79Y6220	---
DC2412A-B	LTC2335-16 Dev kit ADC	80Y5788	---
LTC2400 - μPower No Latency Delta-Sigma ADC			
● LTC2400IS8#PBF	24 bit 7.5 SPS Single SOIC	56M5404	---
LTC2413 - No Latency Delta Sigma ADCC			
● LTC2413CGN#PBF	24 bit 6.9 SPS Single SSOP	56M5472	---
LTC2440 - High Speed Differential Delta Sigma ADC			
● LTC2440IGN#PBF	24 bit 3.5 kSPS Single SSOP	56M5612	---

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MAXIM - ANALOG TO DIGITAL CONVERTER SELECTION



Maxim's portfolio includes precision analog-to-digital converter ICs with superior conversion performance under 2Msps, and high speed ADC ICs optimized for sample rates over 2Gsps. Maxim offers ADCs with built in signal chain features including integrated programmable gain amplifiers and precision voltage references.

Mfg. Part No.	Description	Stock No.	Tape Cut 1-9+
High Speed, Low Power, SAR ADC			
● MAX11105AUT+T	High Speed 12 bit 2 MSPS Single SOT-23	73Y1892	3.96
High Speed, SAR ADC			
● MAX125CEAX+D	14 bit 250 kSPS Dual (+/-) SSOP	73Y2043	27.74

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