

Item # ADC-208ALM-C, CMOS Flash A/D

List Price

CMOS Flash A/D


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The ADC-208A utilizes an advanced VLSI 1.2 micron CMOS in providing 20MHz sampling rates at 8 Bits. The flexibility of the design architecture and process delivers latch-up free operation without external components and operation over the full military range.

SPECIFICATIONS

Description	8 Bit, 20MHz (20MSPS), CMOS Flash Analog to Digital (A/D) Converter, 0 to +5V Input range, -55°C to +125°C temperature range, LCC package, RoHS Compliant.
Resolution	8 bits
Number of Channels	1
Sampling Rate	20 MHz
Power Consumption	0.225 W
Differential Non-Linearity Error/Other	0.5 LSB
Integral Non-Linearity Error/Other	0.5 LSB
Package Type	CLCC
Input Range 1st (min)	0 V
Input Range 1st (max)	5 V
Required Supply Voltage 1st	5 V
Total Harmonic Distortion	-46 dB
Operating Temp. Range (min)	-55 °C
Operating Temp. Range (max)	125 °C
RoHS	Yes

Status	Recommended for new design
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