



Part Number ADS-943GM, Sampling A/D Converters

14 Bit, 3MHz (3MSPS), Sampling Analog to Digital (A/D) Converter, $\pm 2V$ Input range, $-55^{\circ}C$ to $+125^{\circ}C$ temperature range, surface mount package.

Image is for illustration purposes only

Specifications

Resolution	14 Bit
Number of Channels	1
Sampling Rate	3 MHz
Power Consumption	1.8 W
Differential Non-Linearity Error/Other	0.5 LSB
Integral Non-Linearity Error/Other	0.75 LSB
Package Type	SMT
Input Range 1st (min)	-2 V
Input Range 1st (max)	2 V
Required Supply Voltage 1st	5 V
Required Supply Voltage 2nd	-5 V
Total Harmonic Distortion	-83 dB
Signal to Noise Ratio	79 dB
Analog Bandwidth	30 MHz
Operating Temp. Range (min)	$-55^{\circ}C$
Operating Temp. Range (max)	$+125^{\circ}C$
RoHS	No
Status	Recommended for new design

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