



Part Number ADS-919G/883, Sampling A/D Converters

14 Bit, 2MHz (2MSPS), Sampling Analog to Digital (A/D) Converter, 0 to +10V Input range, no pipeline delays, -55°C to +125°C temperature range, High Reliability 883 Screening.

Image is for illustration purposes only

Specifications

Resolution	14 Bit
Number of Channels	1
Sampling Rate	2 MHz
Acquisition Time	190 ns
Power Consumption	1.8 W
Differential Non-Linearity Error/Other	0.5 LSB
Integral Non-Linearity Error/Other	1 LSB
Package Type	SMT
Input Range 1st (min)	0 V
Input Range 1st (max)	10 V
Required Supply Voltage 1st	5 V
Required Supply Voltage 3rd	15 V
Required Supply Voltage 4th	-15 V
Total Harmonic Distortion	-73 dB
Signal to Noise Ratio	76 dB
Analog Bandwidth	9 MHz
Operating Temp. Range (min)	-55 °C
Operating Temp. Range (max)	+125 °C
RoHS	No
Status	Recommended for new design

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