

Part Number ADS-CCD1202GM-C, Electronic Imaging

12 Bit, 2MHz (2MSPS), Sampling Analog to Digital (A/D) Converter Optimized for CCd Imaging Applications. 0 to +10V Input range, Edge Triggered, no pipeline delay, -55°C to +125°C temperature range, RoHS Compliant.

Image is for illustration purposes only

Specifications

Resolution	12 Bit
Number of Channels	1
Sampling Rate	2 MHz
Power Consumption	1.75 W
Differential Non-Linearity Error/Other	0.25 LSB
Signal to Noise Ratio	72 dB
Integral Non-Linearity Error/Other	0.5 LSB
Operating Temp. Range (min)	-55 °C
Operating Temp. Range (max)	+125 °C
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	-76 dB
Package Type	SMT
RoHS	Yes
Status	Recommended for new design

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