

**Part Number ADS-CCD1201G-C/883, Electronic Imaging**

12 Bit, 1.2MHz (1.2MSPS), 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, High Reliability 883 Screening.



Image is for illustration purposes only

**Specifications**

<b>Resolution</b>	12 Bit
<b>Number of Channels</b>	1
<b>Sampling Rate</b>	1.2 MHz
<b>Power Consumption</b>	1.7 W
<b>Differential Non-Linearity Error/Other</b>	0.25 LSB
<b>Signal to Noise Ratio</b>	73 dB
<b>Integral Non-Linearity Error/Other</b>	0.5 LSB
<b>Operating Temp. Range (min)</b>	-55 °C
<b>Operating Temp. Range (max)</b>	+125 °C
<b>Input Range 1st (min)</b>	0 V
<b>Input Range 1st (max)</b>	10 V
<b>Required Supply Voltage 1st</b>	5 V
<b>Required Supply Voltage 3rd</b>	15 V
<b>Required Supply Voltage 4th</b>	-15 V
<b>Total Harmonic Distortion</b>	-84 dB
<b>Package Type</b>	SMT
<b>RoHS</b>	Yes
<b>Status</b>	Recommended for new design

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