

**Part Number ADCDS-1405EX, Electronic Imaging**

14 Bit, 5MPPS (Megapixels/Second), Imaging Signal Processor, Charge Coupled Device (CCD) Signal Processor, 1 LSB RMS Noise, -55°C to +125°C temperature range.



Image is for illustration purposes only

**Specifications**

<b>Resolution</b>	14 Bit
<b>Number of Channels</b>	1
<b>Sampling Rate</b>	5 MHz
<b>Power Consumption</b>	0.7 W
<b>Differential Non-Linearity Error/Other</b>	0.6 LSB
<b>Signal to Noise Ratio</b>	73 dB
<b>Integral Non-Linearity Error/Other</b>	2.5 LSB
<b>Operating Temp. Range (min)</b>	-55 °C
<b>Operating Temp. Range (max)</b>	+125 °C
<b>Input Range 1st (min)</b>	0.35 V
<b>Input Range 1st (max)</b>	2.8 V
<b>Required Supply Voltage 1st</b>	5 V
<b>Required Supply Voltage 2nd</b>	-5 V
<b>Required Supply Voltage 3rd</b>	12 V
<b>Package Type</b>	TDIP
<b>RoHS</b>	No
<b>Status</b>	Recommended for new design

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