

Part Number ADCDS-1410-C, Electronic Imaging

14 Bit, 10MPPS (Megapixels/Second), Imaging Signal Processor, Charge Coupled Device (CCD) Signal Processor, 1 LSB RMS Noise, 0°C to +70°C temperature range, RoHS Compliant.



Image is for illustration purposes only

Specifications

Resolution	14 Bit
Number of Channels	1
Sampling Rate	10 MHz
Power Consumption	0.800 W
Differential Non-Linearity Error/Other	0.5 LSB
Signal to Noise Ratio	75 dB
Integral Non-Linearity Error/Other	2.5 LSB
Operating Temp. Range (min)	0 °C
Operating Temp. Range (max)	+70 °C
Input Range 1st (min)	0.35 V
Input Range 1st (max)	2.8 V
Required Supply Voltage 1st	5 V
Required Supply Voltage 2nd	-5 V
Required Supply Voltage 3rd	12 V
Package Type	TDIP
RoHS	Yes
Status	Recommended for new design

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