DATEL Innovation & Excellence

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Part Number ADCDS-1603-C, Electronic Imaging

16 Bit, 2.3MPPS (Megapixels/Second), Imaging Signal Processor, Charge Coupled Device (CCD) Signal Processor, 1.7 LSB RMS Noise, 0°C to +70°C temperature range, RoHS Compliant.

Specifications

Resolution	16 Bit
Number of Channels	1
Sampling Rate	3 MHz
Power Consumption	0.645 W
Differential Non-Linearity Error/Other	0.5 LSB
Integral Non-Linearity Error/Other	1 LSB
Operating Temp. Range (min)	0 ºC
Operating Temp. Range (max)	+70 ºC
Input Range 1st (min)	0.256 V
Input Range 1st (max)	2.048 V
Required Supply Voltage 1st	5 V
Required Supply Voltage 2nd	-5 V
Package Type	TDIP
RoHS	Yes
Status	Recommended for new design

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