

Part Number ADCDS-1410, 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.



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 | No |
| Status | Recommended for new design |

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