

## Item # ADCDS-1405EX, Electronic Imaging

List Price

### 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

|  |         |
|--|---------|
| Resolution                             | 14 bits |
| Number of Channels                     | 1       |
| Sampling Rate                          | 5 MHz   |
| Power Consumption                      | 0.7 W   |
| Differential Non-Linearity Error/Other | 0.6 LSB |
| Integral Non-Linearity Error/Other     | 2.5 LSB |
| Package Type                           | TDIP    |
| 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    |
| Signal to Noise Ratio                  | 73 dB   |
| Operating Temp. Range (min)            | -55 °C  |
| Operating Temp. Range (max)            | 125 °C  |

|        |                            |
|--------|----------------------------|
| RoHS   | No                         |
| Status | Recommended for new design |