

## Item # ADSD-1402S-EX-C, Sampling A/D Converters

List Price

### Sampling A/D Converters

14 Bit, 2MHz (2MSPS), Low Cost, Dual - Sampling Analog to Digital (A/D) Converter. -5V to +5V ( $\pm 5V$ ) Input range, Edge-triggered, no pipeline delays, -55°C to +125°C temperature range, surface mount package, RoHS Compliant.



Image is for illustration purposes only

### SPECIFICATIONS

Resolution	14 bits
Number of Channels	2
Sampling Rate	2 MHz
Power Consumption	0.725 W
Differential Non-Linearity Error/Other	0.5 LSB
Integral Non-Linearity Error/Other	1 LSB
Package Type	DIP
Input Range 1st (min)	-5 V
Input Range 1st (max)	5 V
Required Supply Voltage 1st	5 V
Required Supply Voltage 2nd	-5 V
Total Harmonic Distortion	-79 dB
Signal to Noise Ratio	76 dB
Analog Bandwidth	16 MHz
Operating Temp. Range (min)	-55 °C

Operating Temp. Range (max)	125 °C
RoHS	Yes
Status	Recommended for new design