

## Item # ADSD-1410S-EX-C, Sampling A/D Converters

List Price

### Sampling A/D Converters

14 Bit, 10MHz (10MSPS) Low Cost - Dual Sampling Analog to Digital (A/D) Converter, 14 Bit, 10MSPS Sampling A/D Converter.  $\pm 2.5V$  Input range,  $-55^{\circ}C$  to  $+125^{\circ}C$  temperature range, surface mount package, RoHS Compliant.



Image is for illustration purposes only

### SPECIFICATIONS

Resolution	14 bits
Number of Channels	2
Sampling Rate	10 MHz
Power Consumption	1.6 W
Differential Non-Linearity Error/Other	0.5 LSB
Package Type	DIP
Input Range 1st (min)	-2.5 V
Input Range 1st (max)	2.5 V
Required Supply Voltage 1st	5 V
Required Supply Voltage 2nd	-5 V
Total Harmonic Distortion	-84 dB
Signal to Noise Ratio	76 dB
Analog Bandwidth	14 MHz
Operating Temp. Range (min)	$-55^{\circ}C$
Operating Temp. Range (max)	$125^{\circ}C$

RoHS	Yes
Status	Recommended for new design