

Item # ADSD-1410MC, Sampling A/D Converters

List Price

Sampling A/D Converters

14 Bit, 10MHz (10MSPS), Low-Cost, Dual - Sampling Analog to Digital (A/D) Converter. $\pm 2.5V$ Input range, Edge-triggered, 0°C to +70°C temperature range.



Image is for illustration purposes only

SPECIFICATIONS

Resolution	14 bits
Number of Channels	2
Sampling Rate	10 MHz
Power Consumption	1.7 W
Differential Non-Linearity Error/Other	0.5 LSB
Integral Non-Linearity Error/Other	1 LSB
Package Type	DIP
Input Range 1st (min)	-2 V
Input Range 1st (max)	2 V
Required Supply Voltage 1st	5 V
Required Supply Voltage 2nd	-5 V
Required Supply Voltage 3rd	15 V
Total Harmonic Distortion	-80 dB
Signal to Noise Ratio	78 dB
Analog Bandwidth	14 MHz

Operating Temp. Range (min)	0 °C
Operating Temp. Range (max)	70 °C
RoHS	No
Status	Preliminary Product Information