

Item # ADS-930MC, Sampling A/D Converters

List Price

Sampling A/D Converters

16 Bit, 500kHz (500KSPS), Sampling Analog to Digital (A/D) Converter. $\pm 5V$ Input range, no pipeline delay, on board FIFO, $0^{\circ}C$ to $+70^{\circ}C$ temperature range.



Image is for illustration purposes only

SPECIFICATIONS

Resolution	16 bits
Number of Channels	1
Sampling Rate	0.5 MHz
Power Consumption	3.5 W
Differential Non-Linearity Error/Other	1 LSB
Integral Non-Linearity Error/Other	1.5 LSB
Package Type	TDIP
Input Range 1st (min)	-10 V
Input Range 1st (max)	0 V
Input Range 2nd (min)	-5 V
Input Range 2nd (max)	5 V
Required Supply Voltage 1st	5 V
Required Supply Voltage 3rd	15 V
Required Supply Voltage 4th	-15 V
Total Harmonic Distortion	-89 dB

Signal to Noise Ratio	83 dB
Analog Bandwidth	2 MHz
Operating Temp. Range (min)	0 °C
Operating Temp. Range (max)	70 °C
RoHS	No
Status	Recommended for new design