

## Item # ADS-935MM-C, Sampling A/D Converters

List Price

### Sampling A/D Converters

16 Bit, 5MHz (5MSPS), Sampling Analog to Digital (A/D) Converter.  $\pm 2.75\text{V}$  or 0 to  $-5.5\text{V}$  Input range,  $-55^\circ\text{C}$  to  $+125^\circ\text{C}$  temperature range, RoHS Compliant.



Image is for illustration purposes only

## SPECIFICATIONS

Resolution	16 bits
Number of Channels	1
Sampling Rate	5 MHz
Power Consumption	3 W
Differential Non-Linearity Error/Other	0.5 LSB
Integral Non-Linearity Error/Other	2 LSB
Package Type	TDIP
Input Range 1st (min)	$-2.75\text{ V}$
Input Range 1st (max)	$2.75\text{ V}$
Input Range 2nd (min)	$-5.5\text{ V}$
Input Range 2nd (max)	$0\text{ V}$
Required Supply Voltage 1st	$5\text{ V}$
Required Supply Voltage 3rd	$15\text{ V}$
Required Supply Voltage 4th	$-15\text{ V}$
Total Harmonic Distortion	$-84\text{ dB}$

Signal to Noise Ratio	84 dB
Analog Bandwidth	25 MHz
Operating Temp. Range (min)	-55 °C
Operating Temp. Range (max)	125 °C
RoHS	Yes
Status	Preliminary Product Information