

## Item # ADS-951MC, Sampling A/D Converters

List Price

### Sampling A/D Converters

18 Bit, 1MHZ (1MSPS), Sampling Analog to Digital (A/D) Converter,  $\pm 5V$  Input range,  $0^{\circ}C$  to  $+70^{\circ}C$  temperature range.

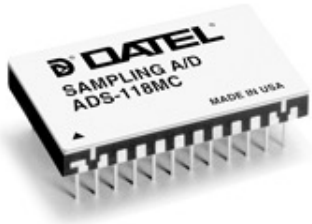


Image is for illustration purposes only

### SPECIFICATIONS

Resolution	18 bits
Number of Channels	1
Sampling Rate	1 MHz
Power Consumption	1.45 W
Differential Non-Linearity Error/Other	0.5 LSB
Integral Non-Linearity Error/Other	1.5 LSB
Package Type	TDIP
Input Range 1st (min)	-5 V
Input Range 1st (max)	5 V
Required Supply Voltage 1st	5 V
Required Supply Voltage 2nd	-5 V
Required Supply Voltage 3rd	15 V
Required Supply Voltage 4th	-15 V
Total Harmonic Distortion	-87 dB
Signal to Noise Ratio	93 dB

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