

Item # ADS-953MC, 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

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|--|---------|
| 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 | -93 dB |
| Signal to Noise Ratio | 93 dB |

| | |
|-----------------------------|----------------------------|
| Operating Temp. Range (min) | 0 °C |
| Operating Temp. Range (max) | 70 °C |
| RoHS | No |
| Status | Recommended for new design |