

**Item # ADS-951ME, Sampling A/D Converters**

List Price

**Sampling A/D Converters**

18 Bit, 1MHZ (1MSPS), Sampling Analog to Digital (A/D) Converter, ±5V Input range, -40°C to +85°C temperature range.

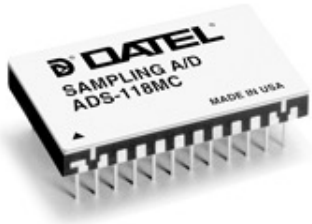


Image is for illustration purposes only

**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) | -40 °C                          |
| Operating Temp. Range (max) | 110 °C                          |
| RoHS                        | No                              |
| Status                      | Preliminary Product Information |