

**Part Number ADC-228AMC, CMOS Flash A/D**

8 Bit, 20MHz (20MSPS), CMOS Complete Flash Analog to Digital (A/D) Converter, 0 to +5V Input range, 0°C to +70°C temperature range.

Image is for illustration purposes only

Specifications

| | |
|---|----------------------------|
| Resolution | 8 Bit |
| Number of Channels | 1 |
| Sampling Rate | 20 MHz |
| Power Consumption | 0.9 W |
| Differential Non-Linearity Error/Other | 0.5 LSB |
| Integral Non-Linearity Error/Other | 0.5 LSB |
| Package Type | DDIP |
| Input Range 1st (min) | 0 V |
| Input Range 1st (max) | 5 V |
| Required Supply Voltage 1st | 5 V |
| Required Supply Voltage 3rd | 15 V |
| Required Supply Voltage 4th | -15 V |
| Total Harmonic Distortion | -56 dB |
| Signal to Noise Ratio | 45 dB |
| Analog Bandwidth | 40 MHz |
| Operating Temp. Range (min) | 0 °C |
| Operating Temp. Range (max) | +70 °C |
| RoHS | No |
| Status | Recommended for new design |

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