

**Part Number ADC-208ALC, CMOS Flash A/D**

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

Image is for illustration purposes only

**Specifications**

|                                               |                            |
|-----------------------------------------------|----------------------------|
| <b>Resolution</b>                             | 8 Bit                      |
| <b>Number of Channels</b>                     | 1                          |
| <b>Sampling Rate</b>                          | 20 MHz                     |
| <b>Power Consumption</b>                      | 0.25 W                     |
| <b>Differential Non-Linearity Error/Other</b> | 0.5 LSB                    |
| <b>Integral Non-Linearity Error/Other</b>     | 0.5 LSB                    |
| <b>Package Type</b>                           | CLCC                       |
| <b>Input Range 1st (min)</b>                  | 0 V                        |
| <b>Input Range 1st (max)</b>                  | 5 V                        |
| <b>Required Supply Voltage 1st</b>            | 5 V                        |
| <b>Total Harmonic Distortion</b>              | -46 dB                     |
| <b>Operating Temp. Range (min)</b>            | 0 °C                       |
| <b>Operating Temp. Range (max)</b>            | +70 °C                     |
| <b>RoHS</b>                                   | No                         |
| <b>Status</b>                                 | Recommended for new design |

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