

**Part Number ADC-HZ12BGC-C, Legacy Analog-to-Digital Converters**

12 Bit, 8 $\mu$ Sec & 20 $\mu$ Sec Analog to Digital (A/D) Converter with Programmable Input.  $\pm 2.5V$ ,  $\pm 5V$ , 0 to +5V, 0 to +10V Input ranges, 0 $^{\circ}C$  to +70 $^{\circ}C$  temperature range, RoHS Compliant.



Image is for illustration purposes only

**Specifications**

<b>Resolution</b>	12 Bit
<b>Number of Channels</b>	1
<b>Sampling Rate</b>	0.125 MHz
<b>Power Consumption</b>	1.1 W
<b>Differential Non-Linearity Error/Other</b>	0.75 LSB
<b>Integral Non-Linearity Error/Other</b>	0.5 LSB
<b>Input Range 1st (min)</b>	0 V
<b>Input Range 1st (max)</b>	5 V
<b>Input Range 2nd (min)</b>	0 V
<b>Input Range 2nd (max)</b>	10 V
<b>Input Range 3rd (min)</b>	-2.5 V
<b>Input Range 3rd (max)</b>	2.5 V
<b>Input Range 4th (min)</b>	-5 V
<b>Input Range 4th (max)</b>	5 V
<b>Input Range 5th (min)</b>	-10 V
<b>Input Range 5th (max)</b>	10 V
<b>Required Supply Voltage 1st</b>	5 V
<b>Required Supply Voltage 3rd</b>	15 V
<b>Required Supply Voltage 4th</b>	-15 V
<b>Operating Temp. Range (min)</b>	0 $^{\circ}C$
<b>Operating Temp. Range (max)</b>	+70 $^{\circ}C$
<b>RoHS</b>	Yes
<b>Status</b>	Recommended for new design

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