

Part Number ADC-HZ12BMM-QL-C, Legacy Analog-to-Digital Converters

12 Bit, 8 μ Sec & 20 μ Sec Analog to Digital (A/D) Converter with Programmable Input. \pm 2.5V, \pm 5V, 0 to +5V, 0 to +10V Input ranges, -55 $^{\circ}$ C to +125 $^{\circ}$ C temperature range, High Reliability Screening, RoHS Compliant.

Image is for illustration purposes only

Specifications

Resolution	12 Bit
Number of Channels	1
Sampling Rate	0.125 MHz
Power Consumption	1.687 W
Differential Non-Linearity Error/Other	0.75 LSB
Integral Non-Linearity Error/Other	0.5 LSB
Input Range 1st (min)	0 V
Input Range 1st (max)	5 V
Input Range 2nd (min)	0 V
Input Range 2nd (max)	10 V
Input Range 3rd (min)	-2.5 V
Input Range 3rd (max)	2.5 V
Input Range 4th (min)	-5 V
Input Range 4th (max)	5 V
Input Range 5th (min)	-10 V
Input Range 5th (max)	10 V
Required Supply Voltage 1st	5 V
Required Supply Voltage 3rd	15 V
Required Supply Voltage 4th	-15 V
Operating Temp. Range (min)	-55 $^{\circ}$ C
Operating Temp. Range (max)	+125 $^{\circ}$ C
RoHS	Yes
Status	Recommended for new design

© DATEL is a registered trademark of DATEL, Inc.