

**Part Number HDAS-8MC, Multi-Channel Complete Data Acquisition**

The HDAS-8 is a complete, high-performance, 12 Bit data acq. system in a 62-pin package. Each HDAS may be expanded up to 32 single-ended or 16 diff. channels by adding external mux. 0°C to +70°C temperature range.



Image is for illustration purposes only

**Specifications**

<b>Resolution</b>	12 Bit
<b>Number of Channels</b>	8
<b>Sampling Rate</b>	0.05 MHz
<b>Power Consumption</b>	1.25 W
<b>Differential Non-Linearity Error/Other</b>	0.75 LSB
<b>Integral Non-Linearity Error/Other</b>	0.75 LSB
<b>Package Type</b>	QDIP
<b>Input Range 1st (min)</b>	0.05 V
<b>Input Range 1st (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 °C
<b>Operating Temp. Range (max)</b>	+70 °C
<b>RoHS</b>	No
<b>Status</b>	Recommended for new design

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