

Item # HDAS-16MC, Multi-Channel Complete Data Acquisition

List Price

Multi-Channel Complete Data Acquisition

Multiplexer, instrumentation amplifier, timing and control



Image is for illustration purposes only

SPECIFICATIONS

Description	The HDAS-16 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.
Resolution	12 bits
Number of Channels	16
Sampling Rate	0.05 MHz
Power Consumption	1.25 W
Differential Non-Linearity Error/Other	0.75 LSB
Integral Non-Linearity Error/Other	0.75 LSB
Package Type	QDIP
Input Range 1st (min)	0.05 V
Input Range 1st (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)	0 °C
Operating Temp. Range (max)	70 °C

RoHS	No
Status	Recommended for new design