DATEL Innovation & Excellence

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Part Number HDAS-16G/883-C, Multi-Channel Complete Data Acquisition

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. -55°C to +125°C temp. range, High Rel. 883 Screening.

Specifications

Resolution	12 Bit
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	SMT
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)	-55 ºC
Operating Temp. Range (max)	+125 ºC
RoHS	Yes
Status	Recommended for new design

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