DATEL Innovation & Excellence

DATEL | 120 Forbes Blvd., Suite 125 Mansfield, MA 02048 | Phone: +1-508-964-5131 | www.datel.com



Image is for illustration purposes only

Part Number HDAS-524MM, Multi-Channel Complete Data Acquisition

12 Bit, 400kHz (400KSPS), 8 Channel-Single Ended, 4 Channel-Differential, Complete Analog to Digital (A/D) Data Acquisition System, -55°C to +125°C temperature range.

Specifications

Resolution	12 Bit
Number of Channels	4
Sampling Rate	0.4 MHz
Power Consumption	2.6 W
Differential Non-Linearity Error/Other	0.75 LSB
Integral Non-Linearity Error/Other	0.75 LSB
Package Type	DDIP
Input Range 1st (min)	0.1 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	No
Status	Recommended for new design

© DATEL is a registered trademark of DATEL, Inc.