



Mini PCIe ADC

Connect Tech's Mini PCIe ADC is an analog to digital converter peripheral board for the embedded market. With 16 ADC input channels and 16-bit resolution, this product is ideal for data acquisition, measurement and control applications.

Product Name: Mini PCIe ADC
Part Number: MPG401



Specifications

Form Factor	Mini PCI Express Full Sized
Analog Inputs	16 ADC input channels
Channels	16 Single Ended, in two groups
Resolution	16-bit
Sampling Rate	500 Ksps (per group) 62.5 Ksps (per channel)
Sample & Hold	N/A
Protection	$\pm 20V$
Impedance	1 M Ω
Ranges	Bipolar: $\pm 10.24V$, $\pm 5.12V$ and $\pm 2.56V$ Unipolar: 0 - 10.24V and 0 - 5.12V
Accuracy	± 2.5 LSB INL, ± 1.5 LSB DNL
Signal-to-Noise Ratio	91 dB @ $\pm 10.24V$
Dimensions	50.95mm x 30mm Mini PCIe "Full"
Temperature	-40°C to 85°C (-40°F to 185°F)
Operating Systems	Linux
Warranty and Support	2 Years

FEATURES

- ✓ 16 ADC input channels
- ✓ 500kSPS
- ✓ 16-bit resolution
- ✓ 40°C to +85°C

RoHS

Specifications subject to change without notice.
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