



## 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
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 $\Omega$
Ranges	Bipolar: $\pm 10.24V$ , $\pm 5.12V$ and $\pm 2.56V$ Unipolar: 0 - 10.24V and 0 - 5.12V
Accuracy	$\pm 2.5$ LSB INL, $\pm 1.5$ 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	Windows, 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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