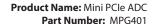


Mini PCle ADC

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.





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	± 20V
Impedance	1 ΜΩ
Ranges	Bipolar: ±10.24V, ±5.12V and ±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 @ ±10.24V
Dimensions	50.95mm x 30mm Mini PCle "Full"
Temperature	-40°C to 85°C (-40°F to 185°F)
Operating Systems	Windows, Linux
Warranty and Support	2 Years

Specifications subject to change without notice.

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FEATURES

√ 16 ADC input channels

√ 500kSPS

√ 16-bit resolution

√40°C to +85°C

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