

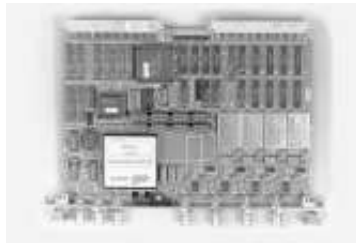


[Data Acquisition and Motion Control >>](#)
VMIVME-3120

Board Level Products – Data Acquisition and Motion Control
Analog Input Boards

VMIVME-3120
8 MHz 12-bit ANALOG-TO-DIGITAL
CONVERTER (ADC) BOARD

- High throughput; 8 MHz (2 MHz per channel)
- Range options of +/-10 V, +/-5 V, or +/-1 V
- Simultaneous or skewed sampling of all inputs
- 2- or 4-channel option available
- Single buffer or wraparound modes
- Software-selectable sampling rates: 122 kHz to 2 MHz
- Sampling rate also controllable by external clock
- Multiboard or independent synchronizing
- Jumper-selectable input impedance 50Ω or 2 mΩ
- Applications: Acoustic Research, Engine Research and Testing, Collision Sequence Analysis, High-Frequency Data Recording, Shock and Vibration Analysis, Sonar Equipment Testing, Transient Event Capture



[View Specifications](#)
(in PDF file format)



Ordering Options	A	B	C	-	D	E	F
VMIVME-3120	-			-			
<p>A = Maximum Conversion Rate Per Channel 0 = Reserved 1 = 2 MHz</p> <p>B = Input Voltage Range</p>							

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0 = +/-10

1 = +/-5

2 = +/-1

C = Number of Channels

0 = 4 Channels

1 = 2 Channels
