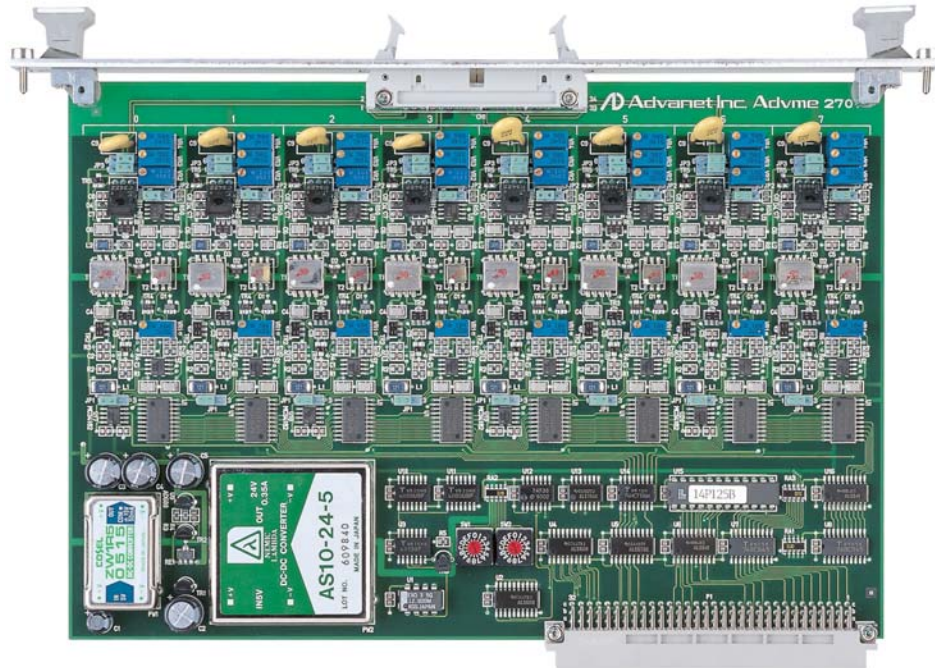


Advme 2701

Isolated 8-ch D/A Board



Features

- 12-bit resolution analog output board with 8-channel I/O
- Output range can be set to $\pm 10V$, $\pm 5V$, 0 to 10V, 0 to 5V or 0 to 20mA for each channel
- Each channel is isolated with a transformer
- Operates from a single +5V power supply by VME bus
- Device driver for VxWorks (option)
- Capable of outputting current between 0 to 20mA without an external power supply
- Isolation between channels

Specifications

- Analog output
 - No. of channels : 8 channels
 - Output range : 0 to 5V, 0 to 10V, $\pm 5V$, $\pm 10V$, 0 to 20mA (can be set for each channel)
 - Output current : Up to 10mA
- D/A conversion
 - Resolution : 12-bit, 0.1%FS
 - Conversion time : 1ms per channel
 - Overall accuracy : $\pm 0.1\%$ (F.S. at 25°C)
- Isolation
 - Isolation method : Transformer
 - Withstanding voltage : Between I/O and channels: AC1500V for one minute
- Output connector : MIL-type 34-pin header
- Bus interface
 - VMEbus Revision C.3 compliant
 - A16,D16,D08(E0)
 - Accessible using AM codes 29H and 2DH
- Power requirements : DC5V $\pm 5\%$ (supplied by VME bus) 1.5A
- Board size : 262mm x 172mm x 20mm Double height/Single slot (excluding protrusions such as connectors)
- Weight : 370g (typ.)



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Note: The following specifications and product appearance are subject to change for enhancement without notice.

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