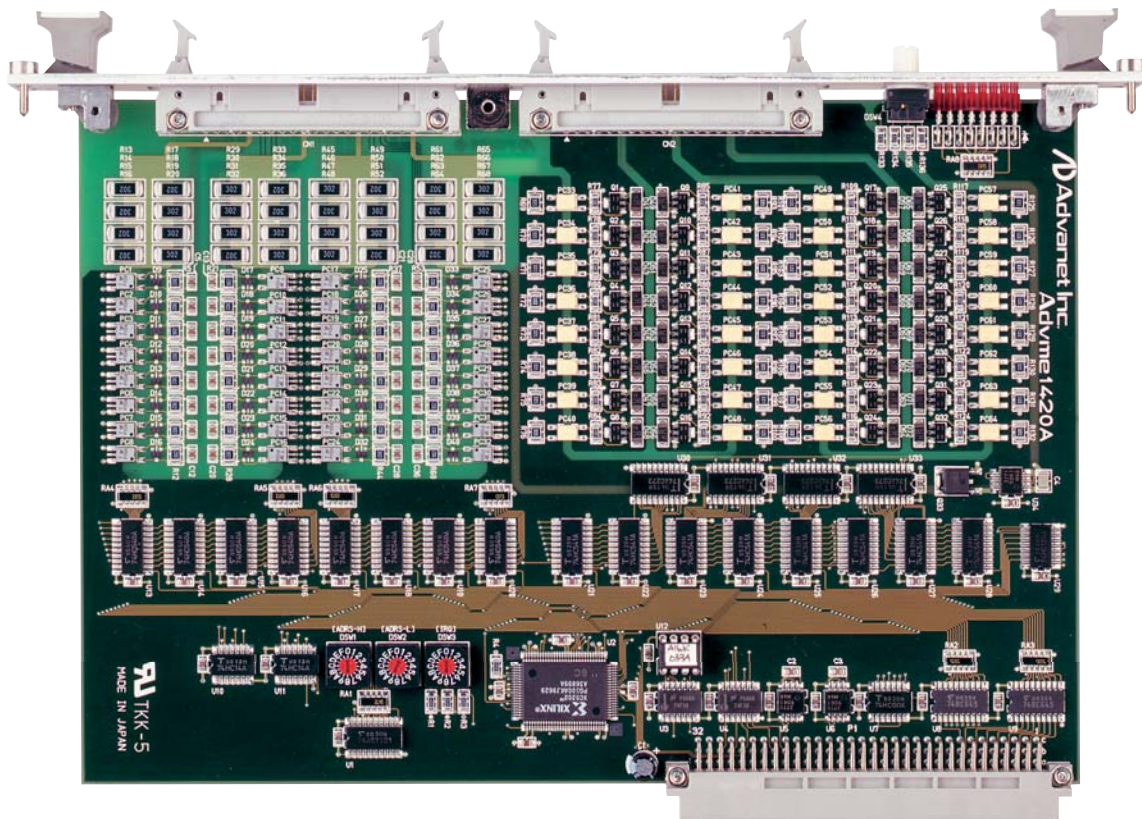


Advme1420A

32-ch/32-ch High Speed DIO Board



Features

- 32-point Digital I/O board
- 32-point input is divided between four I/O channels with a common for every eight points
- Each I/O channel has an independent common for I/O of digital signals using different power supplies
- Can be used as an upwardly-compatible replacement for Advme1420
- Photo-coupler isolation between input channels and between input channel and system
- Interrupt can be issued to one of the VME interrupt request lines *IRQ1 to *IRQ7
- Use switch on the panel to select and display on monitor for every 8 I/O points
- Device driver for VxWorks (option)
- Sample program

Specifications

- Digital input
 - No. of channels : 32 channels (8 channels per common x 4)
 - Rated input voltage : DC12V to 24V
 - Rated input current : Typ. 6.7mA (for DC24V input)
 - Input on voltage : DC6V or more
 - Input off voltage : Up to DC2V
 - Interrupt : Can set 8 point interrupt input using DI0 to 7
- Digital output
 - No. of channels : 32 channels (8 channels per common x 4)
 - Rated output voltage : Up to DC50V
 - Output saturation voltage : Up to 1.2V
 - Load current : Up to 200mA
- I/O connector : Two MIL-type 40-pin headers
- Power requirements : DC5V±5% (supplied by VME bus) up to 1A
- Isolation
 - Isolation method : Photo-coupler isolation
 - Withstanding voltage : Between I/O and system: AC1500V for one minute
 - Between I/O and channels: AC1500V for one minute
- Bus interface : VMEbus Revision C.3 compliant A16,D16,D08(E0)
- Accessible using AM codes 29H and 2DH
- Board size : 262mm x 172mm x 20mm
- Double height/Single slot(excluding protrusions such as connectors)
- Weight : 254g (typ.)



HUMAN ELECTRONICS

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

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