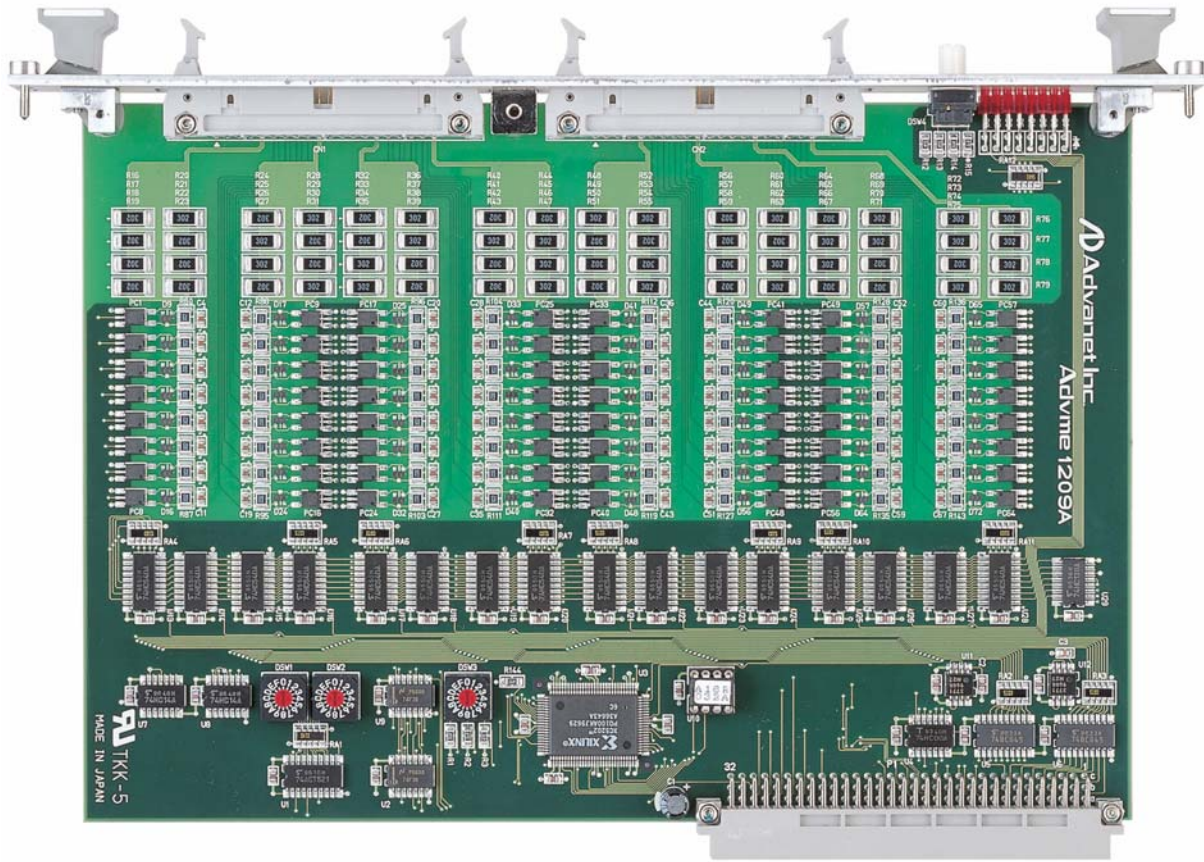![Advanet Inc.]

Advme1209A
64-ch High Speed DI Board

Features

- 64-point Digital input board
- 64-point input is divided between eight input channels with a common for every eight points
- Each input channel has an independent common for input of digital signals using different power supplies
- High speed photo-coupler for fast input
- Can be used as an upwardly-compatible replacement for Advme1209
- Photo-coupler isolation between input channels and between input channel and VME bus
- 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 inputs
- Device driver for VxWorks (option)
- Sample program

Specifications

Digital input
- No. of channels : 8 channels (8 channels per common x 8)
- Rated input voltage : DC12V to 24V
- Rated input current : Typ. 6.7mA (for DC24V input)
- Input connector : Two MIL-type 40-pin headers

Isolation
- Isolation method : Photo-coupler isolation (Delay time: 2µs typ.)
- Withstanding voltage : Between input and system: AC1500V for one minute
- Between input and channels: AC1500V for one minute

Interrupt : Can set 8 point interrupt input using DI0 to 7

LED display : LED display of input values for every eight points

Bus interface : VMEbus Revision C.3 compliant A16,D16,D08(EO)
Accessible using AM codes 29H and 2DH

Power requirements : DC5V±5% (supplied by VME bus) 2A (typ.)

Board size : 262mm x 172mm x 20mm Double height/Single slot
(excluding protrusions such as connectors)

Weight : 240g (typ.)

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

![Advanet Inc. HUMAN ELECTRONICS]

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ISO9001 Certification: No.4016-1995-AQ-KOB-RvA

ISO14001 Certification: No. EMSC-1426