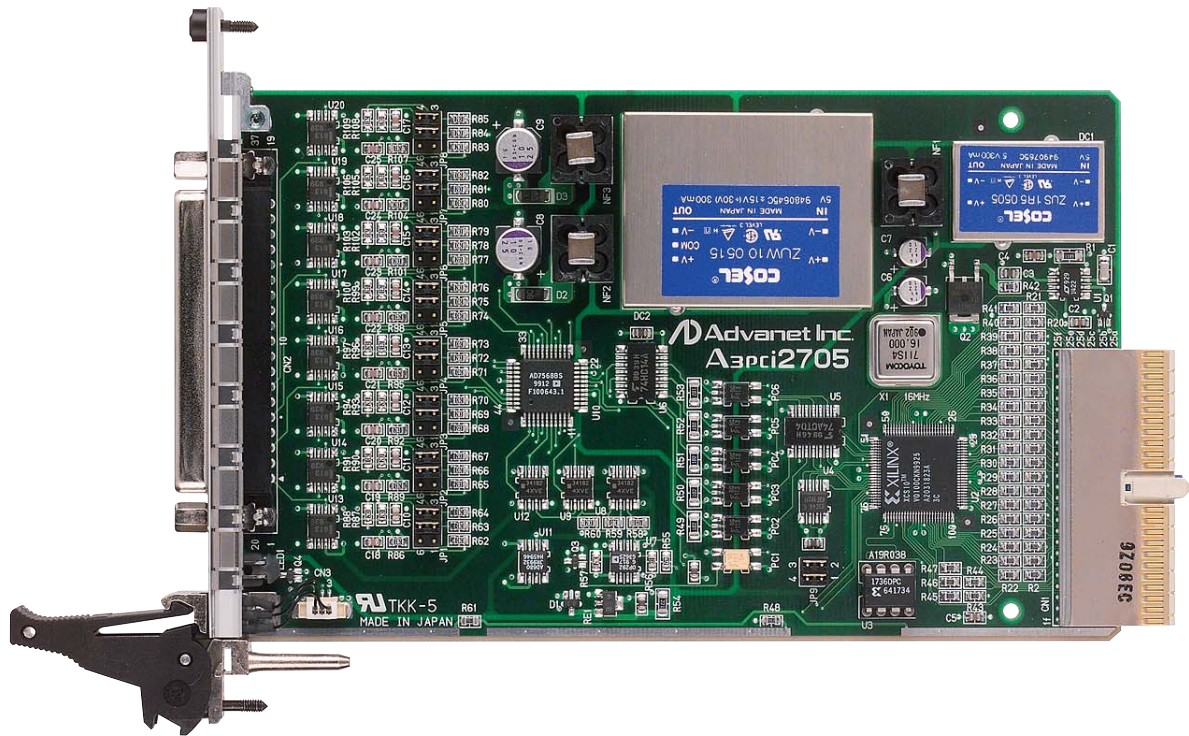


A3pci2705

8-ch D/A Board



Features

- 3U size CompactPCI analog output board
- Equipped with 12-bit resolution and 8 output channels voltage range can be set to $\pm 10V$, 0 to 10V or 0 to 5V for each channel
- Photo-coupler isolation between output and the system
- Full HotSwap capability
- Sample program support for VxWorks
- Device driver support for Windows NT and 2000
- Device driver support for VxWorks (paid option)

Model

- A3pci2705: 3U size (standard)
- A3pci2705-6U: With 6U front panel option
- A3pci2705-VX-X86: Device driver for VxWorks (for x86)

Specifications

- Output
 - No. of channels 8 channels
 - Resolution 12-bit
 - Conversion time 5 μ s per channel
 - Overall accuracy $\pm 0.3\%$ (25°C $\pm 10^\circ$ C)
 - Output voltage range $\pm 10V$, 0 to 10V, 0 to 5V
 - Output current Up to $\pm 5mA$
 - Isolation method Photo-coupler isolation (no isolation between channels)
 - Withstanding voltage AC500V for one minute
 - Protection circuitry Short-circuit protection circuitry
- Bus interface
 - Bus 33MHz CompactPCI bus
 - Data bus width 32-bit
 - Space required Contiguous 64Bytes in PCI I/O space
 - Interrupt line Not used
 - Power requirements 5V $\pm 5\%$ (received from bus), TBD
- Board size
 - 3U single slot width 165mm x 100mm x 20mm (excluding protrusions)
- Connector
 - 37-pin Dsub connector (female)
- Environmentals
 - Operating temperature range 0 to 55°C
 - Storage temperature range -20 to 70°C
 - Operating humidity range 35 to 90% RH (non-condensing)
 - Storage humidity range 10 to 90% RH (non-condensing)



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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 Certification: No.4016-1995-AQ-K0B-Rv4

ISO14001
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