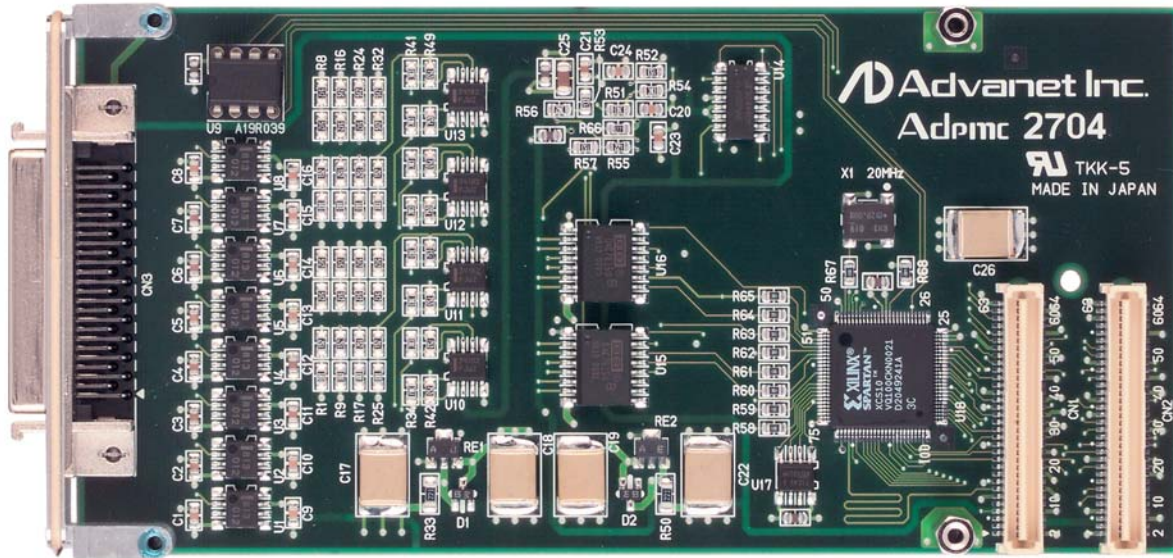


Adpmc2704

8-ch D/A Board



Features

- Single size PMC analog output board with 12-bit resolution and 8 output channels
- Output voltage range can be set to $\pm 10V$, 0 to 10V or 0 to 5V for each channel
- Sample program support for VxWorks
- Device driver support for VxWorks (paid option)

Models

- Adpmc2704: 8-channel D/A board
- Adpmc2704-VX-PPC: Device driver for VxWorks (for PowerPC604/750)
- Adpmc2704-VX-SH3: Device driver for VxWorks (for Advme7000)

Specifications

Output

- No. of channels : 8 channels (non-isolated)
- Resolution : 12-bit
- Conversion time : 3.2 μ s per channel
- Overall accuracy : $\pm 0.1\%$ (25°C $\pm 10^\circ$ C)
- Output voltage range : $\pm 10V$, 0 to 10V, 0 to 5V
- Output current : Up to 5mA
- Protection circuitry : Short-circuit protection circuitry

Bus interface

- Bus : PCI bus 33MHz
- Data bus width : 32-bit
- Space required : Contiguous 64Bytes in PCI Memory space
- Interrupt line : Not used
- Power requirements : 5V $\pm 5\%$, $\pm 12V \pm 5\%$ (received from PMC connector), TBD

Connector : Half-pitch 50-pin Dsub connector (female)

Board size : 149mm x 74mm x 13.5mm

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

Advanet Inc.

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



ISO9001
 Certification: No.4016-1995-AQ-KOB-Rv4

ISO14001
 Certification: No. EMSC-1426

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