

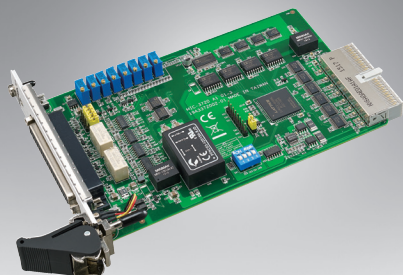
MIC-3720

MIC-3723

12-bit, 4-ch Isolated Analog Output
Universal CompactPCI® Card

16-bit, 8-ch Analog Output 3U
CompactPCI® Card

NEW



MIC-3720



Specifications

Analog Output

- Channels 4 isolated
- Resolution 12 bits
- Output Rate Static update
- Output Range

Bipolar (V)	±5, ±10
Unipolar (V)	0 ~ 5, 0 ~ 10
Current Loop (mA)	0 ~ 20, 4 ~ 20 (software programmable)

- Slew Rate 2.5 V/μs @ ±10 V
1.5 V/μs @ ±5 V, 0 ~ 10 V
0.7 V/μs @ 0 ~ 5 V
- Isolation Protection 2,500 V_{DC}
- Driving Capability 5 mA
- Operation Modes Software polling
- Accuracy Relative: ±1 LSB; Differential
Non-Linearity: ±1 LSB (monotonic)

General

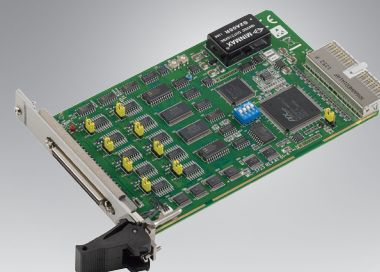
- Bus Type CompactPCI
- I/O Connectors 1 x DB37 female connector
- Dimensions (L x H) 175 mm x 100 mm (6.9" x 3.9")
- Power Consumption 5 V @ 350 mA (typical), 500 mA (max.)
12 V @ 200 mA (typical), 350 mA (max.)
- Operating Temperature 0 ~ 60 °C (32 ~ 140 °F)
- Storage Temperature -20 ~ 70 °C (-4 ~ 158 °F)
- Storage Humidity 5 ~ 95% RH, non-condensing

Ordering Information

- MIC-3720-AE 12-bit, 4-ch Isolated AO Universal CompactPCI Card

Accessories

- PCL-10137-1E DB37 Cable, 1 m
- PCL-10137-2E DB37 Cable, 2 m
- PCL-10137-3E DB37 Cable, 3 m
- ADAM-3937-AE DB37 DIN-rail Wiring Board



MIC-3723/3



Specifications

Analog Output

- Channels 8
- Resolution 16 bits
- Output Rate Static update
- Output Range (V, software programmable)

Internal Reference	Unipolar	±10 V
	Current Loop	0 ~ 20 mA, 4 ~ 20 mA

- Slew Rate 20 V/μs
- Driving Capability 5mA
- Output Impedance 0.1 Ω max.
- Operation Modes Single output, synchronized output

Digital Input/Output

- Channels 16, 5V/TTL
- Input Voltage Logic 0: 0.8 V max.
Logic 1: 2.0 V min.
- Output Voltage Logic 0: 0.5 V max. @ 24 mA
Logic 1: 2.4 V min. @ -15 mA
- Output Capability Sink: 0.5 V max. @ 24 mA
Source: 2.4 V min. @ -15 mA

General

- PICMG Compliance CompactPCI V2.0, R 2.1
Hot-Swap V2.1, R 2.0
- Bus Type CompactPCI
- I/O Connector Type 68-pin SCSI-II female
- Dimensions (L x H) 160 x 100 mm (6.9" x 3.9") with 3U Bracket
- Power Consumption Typical: 5 V @ 850, 12 V @ 600 mA
- Certification CE

Ordering Information

- MIC-3723/3-AE 3U CompactPCI 16-bit, 8-ch non-isolated analog output card
- PCL-10168-1E 68-pin SCSI-II cable with male connectors on both ends and special shielding for noise reduction, 1 and 2 m
- PCL-10168-2E 68-pin SCSI-II Wiring Terminal Board for DIN-rail mounting
- ADAM-3968-AE

Mouser Electronics

Authorized Distributor

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