

cPCI6U64-HV DOTP16MI

16-Channel, Isolated Digital Output Module

***With 16 Mutually Isolated High-Voltage High-Current Source-Sink
Totem-Pole Drivers***

Features Include:

- 16 Mutually Isolated Totem-Pole (current source/sink) digital output channels.
- Maximum load current: ± 1.2 Amp
- Voltage tolerance: Zero to +150V
- Isolation; Channel-to-Channel: Sustained 1000VRMS
- Isolation; Channel-to-Bus: Sustained 1000VRMS
- Zero-state: Lower switch closed; High state: Upper switch closed
- Clamp diode protection
- Clocking: Static outputs; Register-controlled, one bit per channel.
- cPCI 6U form factor.
- Conformal coating ensures long-term insulation integrity.
- Front-Panel system I/O connections (Rear-panel version available)
- 66MHz 64-bit PCI support, with universal 5V/3.3V signaling and DMA support. PCI burst rates to 400MB/sec.

Applications:

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|-------------------|----------------------------|------------------------------------|
| ✓ Power Stations | ✓ Ground Loop Elimination | ✓ High Voltage Digital Drivers |
| ✓ Process Control | ✓ Isolated Digital Outputs | ✓ Nuclear Facility Instrumentation |

- PRELIMINARY -

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