

**General Standards Corporation**  
**High Performance Bus Interface Solutions**

**cPCI6U64-HVDO16MI**

**16-Channel, Isolated Digital Output Module**

*With 16 Mutually Isolated High-Voltage High-Current Drivers*

***Features Include:***

- 16 Mutually Isolated open-collector 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: Switch closed; High state: Switch open
- 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
- 66MHz 64-bit PCI support, with universal 5V/3.3V signaling and DMA support. PCI burst rates to 400MB/sec.

***Applications:***

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

**- PRELIMINARY -**

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