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TECHNOLOGY GROUP

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Find the *GET Engineering 10072501* at our website: *Click HERE*

GET 10072501

NTDS/PCI

Parallel Interface Adaptor



The GET PCI Bus NTDS Interface Adaptor allows the user to interface parallel NTDS channels with a wide variety of PCI-based systems. This single half length circuit card resides in one PCI short card slot. High scale integration circuitry, programmable gate arrays, mount technology, and custom circuits yield the highest possible MTBF ratings available in a commercial NTDS adaptor. Full NTDS data rates are supported with a combination of burst and interrupt driven transfers. The PCI stores several software selectable interface operating modes and personalities. The PCI interface adaptor is fully compatible with the GET NTDS family of interface adaptors.

FEATURES

- **100% MIL-STD-1397C compliant**
- **Short circuit protection on all outputs**
- **Fail safe input operation**
- **Output tristate capability**
- **Single PCI short circuit card (4.2" X 6.875").**
- **Low power requirements: + 5 VDC @ 1.4 Amp (typ), -12 VDC @ .2 Amp (typ).**
- **Supports Plug & Play, no jumpers or switches.**
- **Software selectable operation**
  - **NTDS modes: Slow (-15 V nom), Fast (-3 V nom), ANEW (3 V nom), and High Speed ANEW**
  - **NTDS Computer, Peripheral, Intercomputer, or Interperipheral channel emulation**
  - **NTDS Data Path format of 16 or 32 bits**
  - **Bursts @132 Mbytes/second**
- **Diagnostic modes**
  - **Passive Tap Monitor capability**
  - **Type filtering and triggering**
  - **Real-time hardware data time tag**
- **Receive multiple forced external functions without loss.**
- **Single high density, rear panel accessible I/O connector.**
- **Full featured software device driver for Windows (optional drivers available for Windows NT, Solar VxWorks**

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We're here to make your life easier. How can we help you today?

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