



NTDS PC/104-PLUS PARALLEL INTERFACE ADAPTOR

GET PC/104-Plus adaptors provide new levels of reliability and performance for interfacing to the MIL-STD-1397C. This new adaptor is ideal for PC/104-Plus embedded designs requiring high performance, fast processing, and low power. By utilizing and stocking key components in-house, GET can also ensure long product availability to our customers. GET has a wide selection of software drivers that come standard with the PC/104-Plus adaptor.

KEY FEATURES

- 100% MIL-STD-1397C Compliant
- NTDS Type A, B, C, H
- Full-duplex 16 or 32-bit transfers
- Internal loop-back capability
- Reconfigurable to support specific applications
- PC/104-Plus 2.0 Compliant
- 3.3v or 5v I/O signaling environment
- Plug & Play
- Independent Input and Output ports
- Operate at maximum NTDS transfer rates
- True Full Duplex operation
- Single high density I/O connector

- Field Upgradeable Firmware and Software Drivers
- Platform & operating system independent software

TRANSMIT FEATURES

- Output tristate capability
- Short Circuit Protection on all Outputs
- Asynchronous commands do not disrupt data buffers
- Command/Data Inser

RECEIVE FEATURES

- Fail safe input operation
- Receive multiple forced external functions without loss
- Asynchronous commands do not disrupt data buffers
- Command/Data Extract

SPECIFICATIONS	
NTDS Interface	MIL-STD-1397C Type A, B, C, H
Form Factor	Standard PC/104-Plus card size (3.575" x 3.775")
PCI Signal Compatibility	3.3v or 5v Signaling
Power Requirements	+5 VDC @ 1.4 Amp (typ), -12 VDC @ .2Amp (typ)
Operating Temp	0°C to 55°C
Operating Humidity	0% to 90% (noncondensing)
NTDS ADAPTOR ORDERING INFORMATION	
Name	Part Number
PC/104-Plus, MIL-STD-1397C Type A/B/C/H, 120 pin I/O	10070901
PC/104-Plus Dual Tap/Daughter Card, MIL-STD-1397C Type A/B/C/H	10071201

HOW DO I CONFIGURE THIS PRODUCT?

