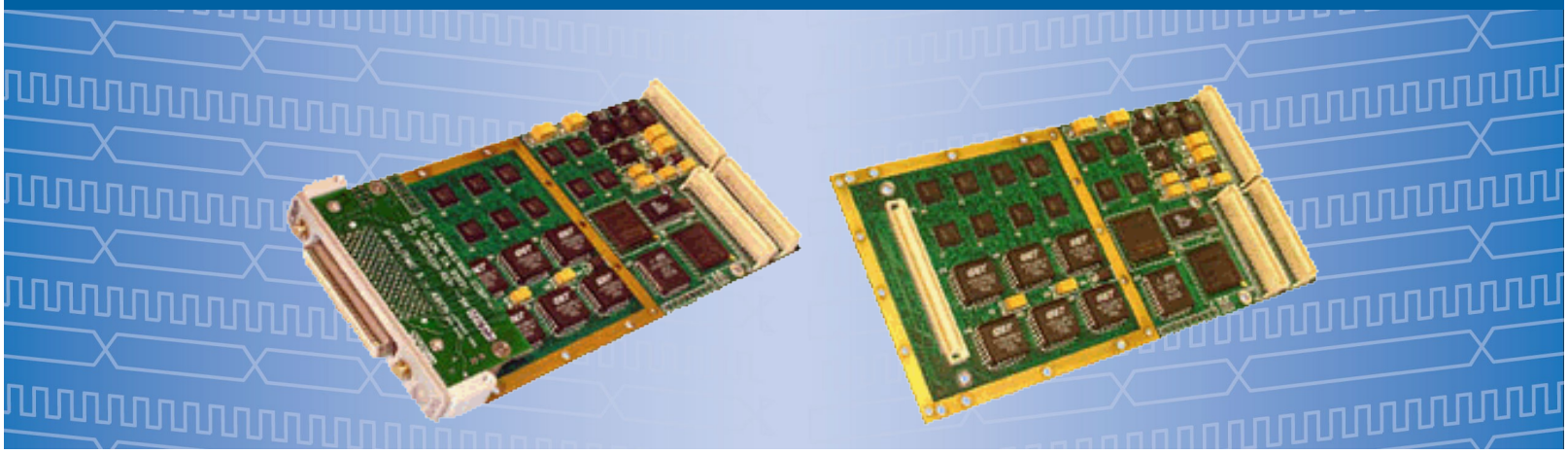
GET Engineering

Tactical Data Solutions



CONDUCTION COOLED PARALLEL PMC

REAR I/O VERSION

GET Engineering is proud to announce its new MIL-STD-1397 Parallel Interface Adapter fully compliant to the ANSI/VITA-20-2001 Conduction Cooled PMC Standard. This adapter provides an ultra-reliable fully compliant MIL-STD-1397 Revision C Interface with the option of full Dual-TAP capability in a single card! All configuration parameters are accessible through a simple software user interface with FPGA-controlled DMA channels for transmit and receive buffers to reduce host CPU overhead.

GET Engineering's NTDS Parallel card is available in either commercial or extended temperature ranges with an option for either Commercial Front Panel (120 pin Molex), Military Front Panel (MIL-DTL-32139) or Rear (P4) I/O (16 bit only). The software included with this adapter card provides the user with an operating system independent API enabling easy migration from one operating system to another; for example, from Windows XP to Linux.

SPECIFICATIONS	
NTDS Parallel Interface	MIL-STD-1397C Type A/B/C/H
Form Factor	Standard Single PCI Short Format (6.875 X 4.2”)
Bus Interface	IEEE 1386.1-2002 Standard for common mezzanine card family
Power Requirements	+5VDC @1.4A,
NTDS I/O connectors—front panel	120 pin Molex (Commercial), MIL-DTL-32139 (Military)
— Rear Panel (P4)	P4 I/O per ANSI/VITA-35-2001
Temperature Standard	0°C to 55°C
Extended Temperature	-40°C to 85°C
ORDERING INFORMATION	
DESCRIPTION	PART NUMBER
NTDS Parallel PMC Interface Adapter	10075501
NTDS Parallel PMC Adapter with Dual Tap option	10075501-DT

www.getntds.com

9350 bond Ave
El Cajon, CA 92021
Phone 619.443.8295
sales@getntds.com