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TECHNOLOGY GROUP

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- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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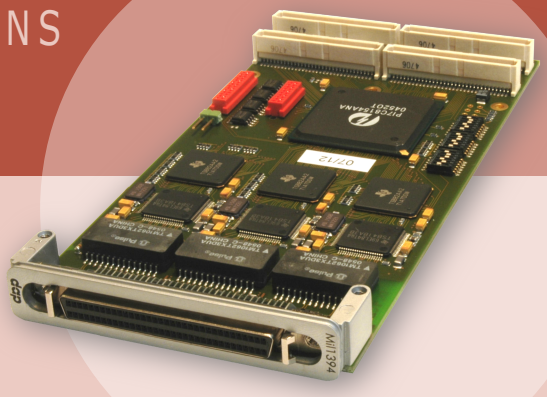
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dap TECHNOLOGY



INTERFACE SOLUTIONS

PMC-CARD MIL1394



MIL1394

Description

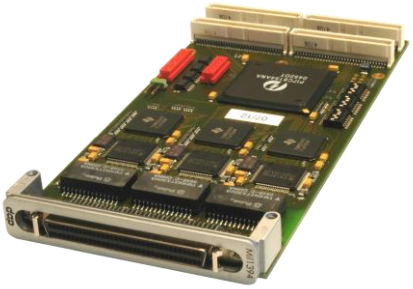
DapTechnology offers two kinds of **MIL1394 3-bus standard OHCI Adapters**, i.e. a PCI version and a PMC version. They address the growing need for multi-channel and transformer-coupled bus interface solutions, primarily in mission critical aerospace and defense applications requiring longer distances according to SAE AS5643-1.

Both adapter cards, which support standard 64 bit/ 66 MHz PCI interfaces, are fully OHCI compliant and feature 3 independent IEEE1394b buses. The product accommodates off-the-shelf IEEE1394b OHCI drivers from Windows™ & Linux-based operating systems. No driver modification/installation is required. Please contact DapTechnology directly regarding support for real-time operating systems like Integrity, VxWorks, etc.

The **MIL1394 3-bus OHCI Adapter** use the TSB41BA3 physical layer silicon from Texas Instruments and supports data transfer rates of up to 400 Mbps in Beta mode. As a special feature, the port modes on each PHY can be programmed independently via dip switches.

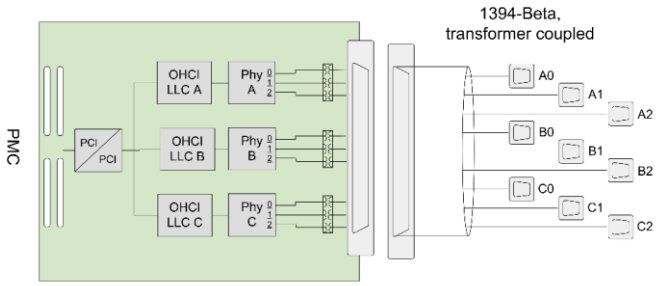
Key Features

- IEEE 1394b-2002 compliant
- Supports 100b, 200b, 400b data transfer rates
- 3 independent nodes with a total of 6 IEEE1394 ports.
  - active transformer coupled
  - Beta connectors
  - Port mode programming via dip switches
- PCI 2.1 compliant
- OHCI 1.1 compliant
- Supported by Windows™7 and Windows™10
  - Driver Level
  - API Level
- Driver/API Level Support for VxWorks™ and Integrity™ planned
-



SPECIFICATION:

Dimensions:	PMC: 15 x 74 x 154 mm
Weight:	100 g
Operating Range:	0 – 70 C
Power Requirements:	PMC: 3.3V, 7 Watt maximum
Compliance:	FCC Class A
Connections:	64-bit PMC connector configuration off-board connector with fan-out cable for 9 bus connections
Indicators:	-
Switches:	3 dip switches for port mode programming
Package Content:	Mil1394 PMC adapter User Guide 1 x fan-out cable with 9 x 1394b (Beta)
Product warranty:	36 months limited warranty
Part Number:	PMC341bT
Optional Configuration:	-
SW Add-on modules:	-



Windows™ is a registered trademark of Microsoft Corp.
VxWorks™ is a registered trademark of Wind River Systems Inc.
Integrity™ is a registered trademark of Green Hills Software Inc.

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Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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

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