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EXC-1553PCI/EP

General Specifications

Supports 1553A/B, F-16, McAir
Handles 4 μ sec. Intermassage Gap (all modes)
18K x 8 dual-port RAM (EP)
36K x 8 dual-port RAM (EPM, EPMI)
Board setup modifiable in real time
Variable amplitude transceivers
Programmable Time Tag resolution (RT & MON)
Direct or Transformer Bus coupling
Programmable Interrupts
Loopback mode facilitates 1553 cable testing
Error injection (BC & RT)

Host Interface

PCI compliance:	Target: 8 /16 bit
Memory space occupied:	64K x 16
Interrupts:	INTA#
Power (EPM):	+5V \pm 5% @ 1.2A +12V \pm 5% @ 150mA -12V \pm 5% @ 150mA

Physical Characteristics

Mechanical format (EP):	220mm x 107mm
Weight (EP):	245 grams

Operating Environment

Temperature:	0° - 70°C
Humidity:	5% - 90% noncondensing
MTBF (EP):	30,000 hours at 25°C, G _F

Bus Controller

Programmable Intermassage delay
Programmable RT Response Time Out
Programmable Frame Time
Loop and single-shot modes

Remote Terminal

Up to 32RTs
Selectable Broadcast Mode
Programmable Mode Code Subaddress ID
Programmable Status Word
Programmable RT response time

Bus Monitor

Three operational modes: Fixed-block, Link-list
Look-up Table
Three storage modes: Store All, Store Only,
Store After
Programmable Triggers and Masks

Software Support

C Drivers with source code
Menu driven software for DOS
Windows software for Windows 9x/ NT

Ordering Information

EXC-1553PCI/EP	1553 Interface for PCI bus
EXC-1553PC/EPM	Includes Concurrent Monitor
EXC-1553PC/EPMI	Includes Independent Concurrent Monitor

MIL-STD-1553

1-800-MIL-1553

www.MIL-1553.com



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