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Find the *Excalibur Systems EXC-1553PC/EP* at our website: *Click HERE*

EXC-1553PC/Px

General Specifications
Supports 1553A/B, F-16
Handles 4µsec. Intermessage gap (all modes)
32K bytes dual-port RAM (per channel)
Board setup modifiable in real time
Programmable Interrupts
Variable amplitude transceivers
Direct or transformer bus coupling
Programmable Time Tag resolution (RT & MON)
Error injection

Host Interface
PCcompliance: AT, ISA, EISA Bus: 8 / 16 bit data bus
Memory space occupied: 32K x 8 per channel
Interrupts: IRQ 2 - 15
Power (/P1): +5V ±5% @ 1.2A

Physical Characteristics
Mechanical format: 175mm x 107mm
Weight (/P1) : 250 grams

Operating Environment
Temperature: 0° - 70°C
Humidity: 5% - 90% noncondensing
MTBF: 143,000 hours at 25°C, G_F

Software Support
C Drivers with source code
Merlin Windows software for Windows 9*x* / NT

Bus Controller
Programmable Intermessage delay
Programmable RT Response Time Out
Programmable Frame Time
Loop and single-shot modes

Remote Terminal
Up to 32 RTs
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

Ordering Information
EXC-1553PC/Px: Multi-channel 1553 Interface for PC compatibles
EXC-1553PC/Px-E: Extended Temperature, ruggedized model
EXC-1553PC/PMx(-E): Supports concurrent BC/RT/BM for each channel
Note: “x” specifies the number of MIL-STD-1553 channels required

MIL-STD-1553

1-800-MIL-1553
www.MIL-1553.com

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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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