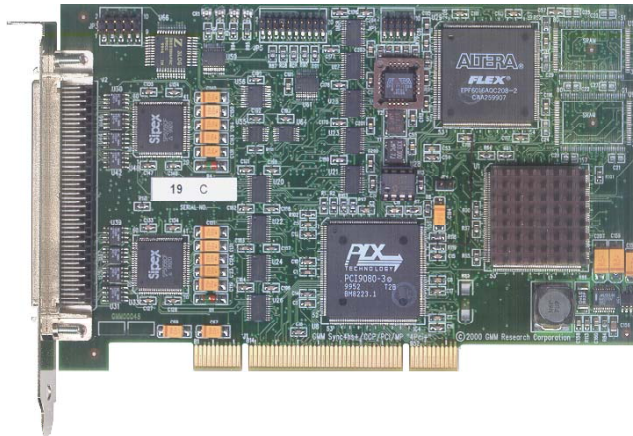


PCI 486DX5 based 4 Port Sync/Async Adapter

GMM Sync4hs+/CCP/PCI/MP™



Features

- ✓ High Performance 486DX5-133 CPU.
- ✓ 16 megabytes of EDO DRAM.
- ✓ Aggregate serial data rate > 40 Mbps / 10 Mbps full duplex on 4 ports.
- ✓ Uses the H64572 SCA II for supporting HDLC, SDLC, BiSync, Async & more.
- ✓ Host bus transfer rate of 132 Mbytes using Bus Master mode.
- ✓ Bootable from Flash or DRAM via jumper.
- ✓ Transient voltage suppression on all signal lines.
- ✓ Eight (8) software programmable electrical interfaces per port.
- ✓ On board Flash for boot code, debug monitor, or application code.
- ✓ Incorporates PLX9080 PCI bus Interface Chip, a proven technology.
- ✓ Ideal solution for Windows NT workstations and servers.

Try GMM's "Jump Start Me" approach with the

GMM Developers Toolkit™

Includes GMM ported version of Phar Lap's TNT Embedded ToolSuite® Standard Edition ETS Kernel and Monitor.
Phar Lap TNT Embedded ToolSuite® RealTime Edition also available.

Applications

The GMM Sync4hs+/CCP/PCI/MP™ card is the enhanced version of our popular 4hs/PCICard. It is used in a wide range of high speed multi-protocol serial communication applications such as Frame Relay, X.25, WAN, Internet Access, Bridge/Routers, Performance monitoring, and Statistical Analysis. This card was designed to off-load from the host the burdensome task of controlling multiple high-speed communication lines.

The GMM Sync4hs+/CCP/PCI/MP™ is the perfect choice for developing SDLC, HDLC, and BiSync based packet protocols. Ideal for OEM, VAR, and Custom applications.



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Sales: 800-531-6145

PC Bus Interface

Bus Interface Type: PCI version 2.1 compliant
Card Size: Half+ Length, XT Height card

Serial Interface

Serial Ports: Four Async/Sync ports, Full Duplex DMA, DTE interface.

Com. Controller: Two high performance **Hitachi 64572 33Mhz SCA II** chips. SCA chip supports: DDCMP, bisync, X.21, HDLC, SDLC, X.25(LAPB,LAPD) and Async. Also has 64 byte Fifo per X/R channel, DPLL, chain block transfer capability, and Timers.

Data Rate: Aggregate **data rate >40Mbits/s.**

Transmit Clock Modes: SCT (Internal) or SCTE (External). Frequency derived from 33 Mhz or 14.7456 Mhz OSC to generate data rates. Custom OSC. option available.

I/O Signals Supported: TxD, TxC, SCTE, RxD, RxC, DCD, RTS, CTS, DSR, DTR, RI.

Interfaces Supported: Software programmable to RS232, RS422/RS485, RS449, EIA530/A, V.35/V.36.

Special Regs & Timers: Five 16 bit timers; one general purpose RT kernel timer; four SCA channel timers.

Processor: Intel's™ i486DX5-133 CPU (133 Mhz).

Interrupts: Supports all PCI INTA IRQ's.

Non-Volatile Memory: EEPROM, Flash File (1MB).

Memory: 16 Megs of EDO DRAM.

Cards in system: 16 max, dependant on available power and number of slots.

Host Access Type: Bus Master / Slave.

Cabling

Type: 4 Port Cable, 100 Pin HD to 4-DB25M. Cable not included.

Environmental

Operating Temp: Commercial Range.

Relative Humidity: To 90% Non-Condensing.

Power Consumption: 1.5 Amp @ 5v, 100ma @ +/-12v.