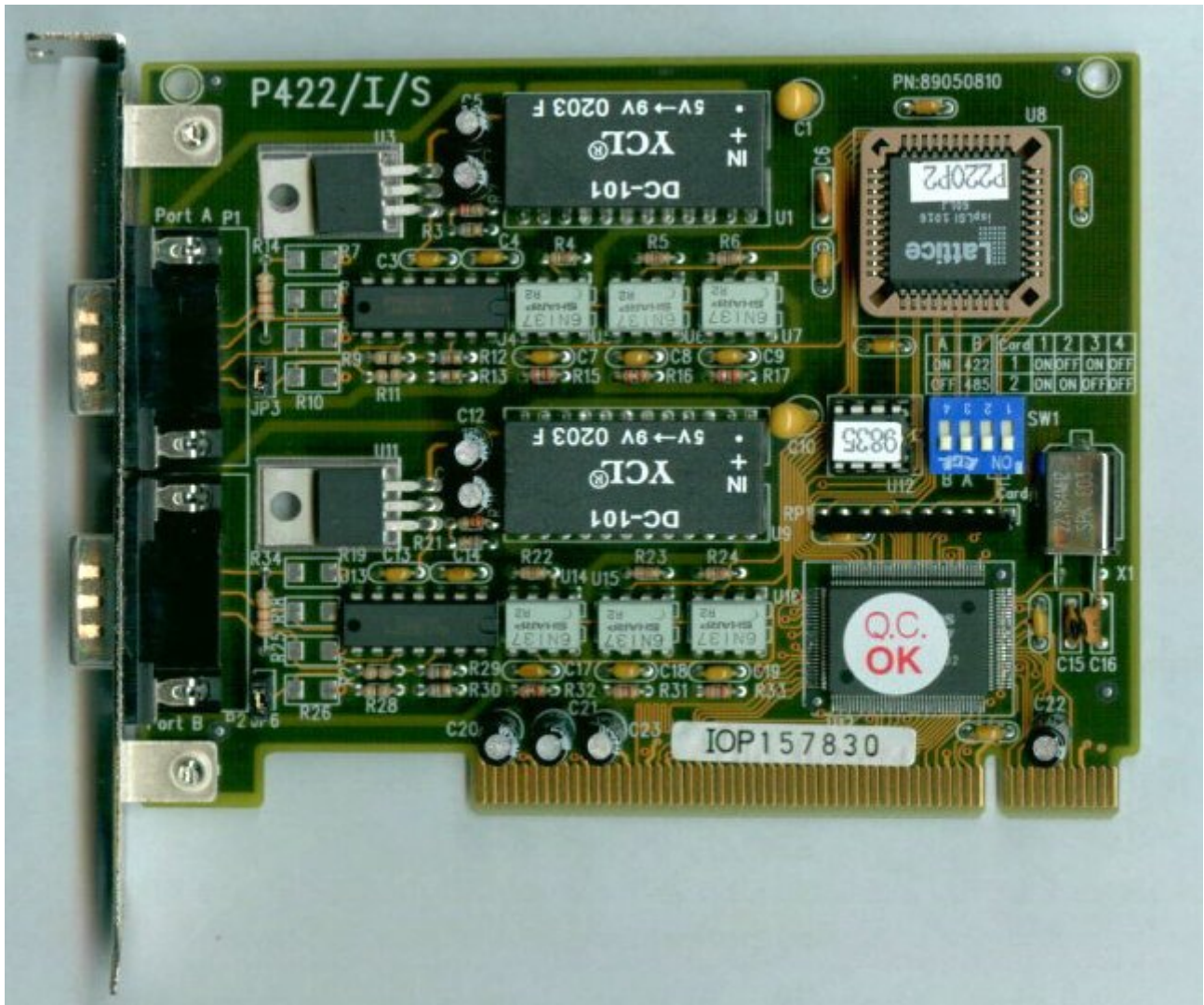# *P422I* PCIPORT Card

One of the cheapest way to add extra RS422/485 port in your worlds

- •**PCI Bus Two Port Card**
- •**Support** Isolated RS422/485
- •**Suitable for** industrial control
- •**Suitable for DOS power user**

- •**Suitable for** Windows NT
- •**Suitable for** WIN95/98/Me
- •**Suitable for** WIN2000/XP/WIN7
- •**Suitable for** Linux system

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- ◆ **Compact PCI bus board size.**
- ◆ **One DIP switch to assign board & COM number. No problem to fix COM number for each card.**
- ◆ **IRQ & I/O mapping automatically assigned by PCI plug & play function.**
- ◆ **Support isolated RS422 or RS485 interface for each port independently.**
- ◆ **Support data direction auto control function in RS485 interface.**
- ◆ **Support DOS, Windows NT, WIN95/98/Me/2000/XP/2003/Vista/WIN7 system.**
- ◆ **Support Linux system.**

P422I Specification:

Serial Communication Controller
*Type: 16550A compatible with PGA support.
*Speed: 22.1184MHz.

Hardware Compatibility
*5V PCI bus slot.

Software Compatibility

*MSDOS	*Windows 95/98/ME
*Windows 2000/XP/2003/Vista/WIN7	*Linux
*Windows NT	*Other operating system

System I/O & IRQ Mapping
*One 32byte I/O mapping assigned by PCI BIOS.
*One IRQ mapping assigned by PCI BIOS.

Port Capability
*Number of port: 2 ports per card.   *Interface: RS422/RS485.
*NOTE:
　　Each port can be assigned to RS422 or RS485 by DIP Switch.
　　RS422 /485 interface with isolated function in P422I model.
　　RS422 /485 interface with surge protection in P422S model.
　　RS422 /485 interface with isolated and surge protection function in P422IS model.
*Baud Rate: each port can be configured to 50~115200bps.
*Connector Type: DB9 male connector.

Dimensions
*P422 Card: 125 * 99 mm

Environment

*Operating Temperature: 0℃ to 55℃.	*Storage Temperature: 0℃ to 65℃.
*Operating Humidity: 10% to 95% RH.	*Storage Humidity: 5% to 95% RH.

Performance upgrade capability and relative products:
　*P640NU NT-PRO card: support universal upto 64 ports per card..
　*IOP3927 X-PORT card：support universal upto 64 ports per card.
　*P1688U RAS-PRO Card：intelligent eight RS232 port card.
　*P485 PCIPORT card: each card support four isolated RS422/485 ports.
　*P485U PCIPORT card：universal four RS422/485 port card.
　*P588U PCIPORT card：universal eight RS232 port card.
　*P8485U PCIPORT card：universal eight RS422/485 port card.
　*TWIN485: Two Ground Isolated RS232 to RS422,RS485 Converter & Bridge.
　*TWIN232: One Industrial Ground Isolated RS232 to RS232,RS422,RS485 Suite.
　*User can also use our PCIIOP local processor built-in card to support more ports and reduce
　　main CPU overhead.
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