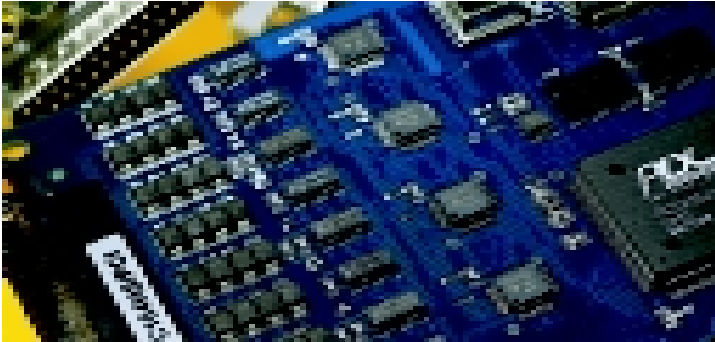
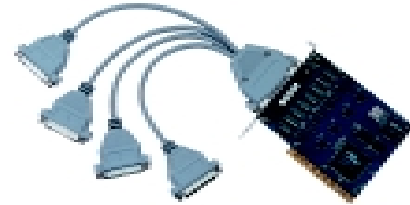


Smartio C104H Series



Easy-to-Use 4 Port Serial Board



Overview

The Smartio C104H series is designed for people looking for an easy-to-use four port serial board. Just plug the C104H series board into a PCI or ISA slot, and all configuration tasks will be done automatically, eliminating the need to adjust I/O addresses and IRQ hardware switches and jumpers. The C104H is an economical multiport solution for users who need to control several RS-232 devices, but are unable to do so using only the PC's COM1 and COM2 ports.

Features

- Low repair rate with ASIC design
- Delivers fastest data transmission available, with speeds up to 921.6 Kbps
- On-chip hardware flow control
- No switches or jumpers—easy to configure by software
- PCI or ISA bus available
- Surge protection available
- Works perfectly with all major Operating Systems

Benefits

- Easy to install
- Compact board size—ideal for PC-based embedded systems
- Low cost

Applications

- PC-based POS devices
- PC-based postal machines
- PC-based kiosks
- PC-based lottery machines
- Other serial device control

Ports Interface	1	2	4	8	16	32
RS-232			✓			
RS-422						
RS-485						

Specifications

Hardware

I/O controller	16C550C or compatible x 4
Connector type	DB37 to male DB25 or DB9

Interface

Bus	PCI ver. 2.1 (32 bit) or ISA (16 bit)
Serial	RS-232
No. of ports	4
Signals	TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND

Performance

Speed	50 – 921.6 Kbps
Max. No. of ports	16 (4 boards)

Configuration

Parity	None, even, odd, space, mark
Data bits	5, 6, 7, 8
Stop bits	1, 1.5, 2
IRQ	PCI: Assigned by BIOS ISA: 2 (9), 3, 4, 5, 7, 10(Default), 11, 12, 15
I/O address	PCI: Assigned by BIOS ISA: 0x0000 - 0xFFFF Default: 0x180

OS Supported

C104H/PCI	Windows 2000, Windows NT,
C104HS/PCI	Windows 95/98/ME, DOS, AT&T UNIX SVR4.2, MITUX SVR4.2, Unix Ware SVR4.2, Unix Ware 7 SVR5, SCO Open Server, SCO UNIX, Linux 2.0.x (Intel x 86), Linux 2.0.x (Alpha), Linux 2.2.x (Intel x 86), Linux 2.2.x (Alpha)
C104H	Windows 2000, Windows NT,
C104HS	Windows 95/98/ME, Windows 3.x, DOS, AT&T UNIX SVR4.2, MITUX SVR4.2, Unix Ware SVR4.2, Unix Ware 7 SVR5, SCO Open Server, SCO UNIX, SCO UNIX, SCO XENIX,

Linux 2.0.x (Intel x 86), Linux 2.0.x (Alpha), Linux 2.2.x (Intel x 86), Linux 2.2.x (Alpha), QNX, OS/2, FreeBSD

Power and Environment

Power requirements	C104H/PCI:	110 mA max. (+5V) 44.8 mA max. (+12V) 16.2 mA max. (-12V)
	C104HS/PCI:	110 mA max. (+5V) 44.8 mA max. (+12V) 16.2 mA max. (-12V)
	C104H:	100 mA max. (+5V) 40 mA max. (+12V) 60 mA max. (-12V)
C104HS:		100 mA max. (+5V) 40 mA max. (+12V) 60 mA max. (-12V)

Operating temp.	0-55C
Dimensions	C104H/PCI: 120 x 100 mm (W x D)
	C104HS/PCI: 120 x 100 mm (W x D)
	C104H: 157 x 83 mm (W x D)
	C104HS: 157 x 83 mm (W x D)
Surge Protection	C104HS: 25 KV ESD, 2 KV EFT
	C104HS: 25 KV ESD, 2 KV EFT
Regulatory approvals	FCC, CE

Ordering Information

C104H/PCI	PCI bus, 4 port RS-232 board
C104HS/PCI	PCI bus, 4 port RS-232 board with surge protection
C104H	ISA bus, 4 port RS-232 board
C104HS	ISA bus, 4 port RS-232 board with surge protection
All items include	<ul style="list-style-type: none"> • Cable (DB37 to Male DB25 x 4 connectors) • MOXA software CD-ROM contains drivers, and MOXA PComm Lite serial comm development tool • Manual

www.programmation.fr



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