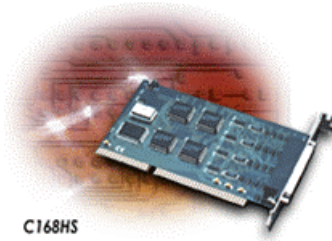
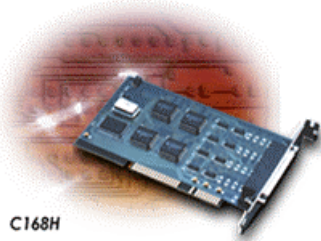


Smartio C168H Async Board Family

921K bps High Speed Multi-Serial Solution



The Smartio C168 family consists of C168H and C168HS which provide high speed multi-serial solution for PC/AT and compatible systems. Each of them provides 8 asynchronous serial communication channels which allow you to connect to any serial devices such as modems, terminals, printers, instruments, etc.

The Smartio C168 family are equipped with a MOXA state-of-the-art ASIC chip. This ASIC is capable of accomodating all the circuit commonly used by multiport boards. The number of IC is decreased, and possibility of breakdown is reduced. Accordingly, the space and cost are significantly saved. The Smartio C168 family are designed in compact size (half-size) with Surface Mount Technology. The switchless and jumperless design also makes the family easily configured by software. To improve the overall performance. The TI550C communication controller with built-in 32 bytes Tx/Rx FIFO are used in the whole family. The TI550C communication controller can prevent data loss even under high speed rate up to 921.6K bps. To meet the demand of reliability, the Surge Protection technology is introduced. The Surge Protection can prevent damage by abrupt high voltage (2000V) from lighting or thundering.


Features

- Serial port speed up to 921.6K bps
- Moxa custom?designed ASIC, compact board size (half-size)
- No switch no jumper, easily configured by software
- Independent I/O address, IRQ setting for each of 8 serial ports
- 16 bit AT bus architecture, more IRQs supported
- Supports surge protection for RS-232 (C168HS)
- Supports isolation protection for RS-422 (optional connector Opt8F)
- Supports high speed TI550C communication control with on-chip hardware flow control, no data loss
- Driver support: Windows NT, Windows 95, DOS, SCO UNIX, UNIX SVR4.2, Linux
- Compatible to: QNX, SCO XENIX, FreeBSD, IMS Multiuser DOS, PICK

Specifications

- Bus interface: ISA (EISA compatible)
- Number of ports: 8
- I/O address: 0x0000 ~ 0xFFFF
- IRQ: 2, 3, 4, 5, 7, 10, 11, 12, 15
- Data bits: 5, 6, 7, 8
- Stop bits: 1, 1.5, 2
- Parity: none, even, odd, space, mark
- Communication controller: 8 x TI550C
- Speed (bps): 50 ~ 921.6K Data signals:
- RS-232 -- TxD, RxD, RTS, CTS, DTR, DSR, DCD, GND
- RS-422 -- TxD+, TxD-, RxD+, RxD-, GND
- Surge protection: 2000V (C168HS)
- Power requirement: 180mA max. (+5V); 110mA max. (+12V); 160mA max. (-12V)

Next page →

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	http://www.sphinxconnect.com	e-mail : mail@sphinxconnect.com	

Intellio C320 Turbo Multiport Controller - Fortsetzung

Ordering Infos

- **C168H:** High speed Async Board, DOS (API-232), Windows NT/95, SCO UNIX, UNIX SVR4.2 drivers + manuals, Moxa PComm serial comm tool
- **C168HS:** High speed Async Board with surge protection, DOS (API-232), Windows NT/95, SCO UNIX, UNIX SVR4.2 drivers + manuals, Moxa PComm serial comm tool

Optional Connectors *(choose one per board)*

- Opt8A: 8 port RS-232 (DCE) connection box with female DB25 connectors
- Opt8B: 8 port RS-232 (DTE) connection box with male DB25 connectors
- Opt8C: 8 port RS-232 (DTE) octopus cable with male DB25 connectors
- Opt8D: 8 port RS-232 (DTE) octopus cable with male DB9 connectors
- Opt8J: 8 port RS-422/RS-485 connection box with female DB25 connectors
- Opt8S: 8 port RS-232 (DCE) connection box with female DB25 connectors and surge protection (2000V)
- Opt8F: 8 port RS-422 connection box with isolation protection (500V DC), female DB25 connectors
- Opt8Z: 8 port RS-422 connection box with female DB25 connectors

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