



4084A (ISA)

2 Port RS-232 / 2 Port Parallel Card



■ Introduction

Sunix's 4084A is a serial and parallel combo expansion card. It offers you two ports of DB9M connection plus two ports of parallel for all your project needs. The serial ports have a data transfer rate up to 921.6 Kbps and the parallel ports offer speed up to 2.7 MB/sec. The card is ideal for project like the POS system, automation assembly, ISDN terminal, and more.

■ Features

- Support 16-bit PCI bus
- 5V connect key compatible
- Low repair rate with ASIC design
- Ideal for PC-based embedded systems
- Easy to install
- Serial
 - On-chip SUN1699 hardware flow control
 - Delivers fastest data transmission available, with speed up to 921.6 Kbps
 - Works perfectly with maior Operating Syttems
- Parallel
 - IEEE 1284C Standard Compatiable
 - Support ECP / EPP / BPP / SPP mode
 - Speed up to 2.7 MB/sec

■ Specifications

■ Function

| | | |
|-----------------|-------------------------------------|-----------------------|
| TYPE | Sunix Multi I/O Communication Board | |
| Serial | Mode of Operation | Hand-Shaking |
| | Bus Transceivers | RS-232 full duplex |
| | Drivers per line | RS-232 1 driver |
| | Receivers per line | RS-232 1 receiver |
| Parallel | Mode of Operation | ECP / EPP / SPP / BPP |

■ Hardware

| | | |
|------------------------|-----------------------|--------------------------------|
| Bus Interface | 16-bit ISA bus | |
| | 5V connector keys | |
| Dimension (WxD) | 180 x 100 mm | |
| Bracket | Standard 121 mm x 2 2 | |
| Serial | IC | SUN1699 |
| | Controller | Sunix UART (16C750 compatible) |
| | No. of Ports | 2 ports |
| | PCB Connector | DB9M port & Pin Head 13 x 2 |
| Parallel | IC | SUN1689 |
| | Controller | IEEE1284C standard compatible |
| | No. of Ports | 2 ports |
| | PCB Connector | DB25F port & Pin Head 13 x 2 |

■ Communication

| | | |
|-----------------|----------------------|---|
| Serial | Interrupter | IRQ 3/4/5/7/9/10/11/12/15 |
| | I/O address | 3F8, 2F8, 3E8, 2E8, 260, 268, 250, 258, 240,248, 230, 238 |
| | FIFO | 64 byte hardware FIFO |
| | Baud Rate | 75 bps ~ 921.6 Kbps |
| | Data bit | 4,5,6,7,8 |
| | Stop bit | 1,1.5,2 |
| | Parity | even, odd, none, mark, space |
| | Flow Control | None, Xon/Xoff, Hardware |
| | RS-232 Signal | TxD, RxD, RTS, CTS, DTR, DSR, DCD, RI, GND |
| Parallel | Interrupter | IRQ 3/4/5/7/9/10/11/12/15 |
| | I/O address | 3BC, 378, 278, 368, 268, 358, 258 |
| | FIFO | 32 byte hardware FIFO |
| | Baud Rate | 2.7 MB/sec |
| | DACK/DRQ | 1,2,3 |

■ Regulator approvals

| | |
|-----------------|---------|
| Hardware | CE, FCC |
|-----------------|---------|

■Driver support

| | |
|-----------|----------------------|
| Microsoft | Windows 9x, NT, 2000 |
| Linux | 2.0x / 2.2x |
| DOS | DOS |

■Operation Environment

| | |
|-----------------------|--------------|
| Operation Temperature | 0 °C ~ 57 °C |
| Operation Humidity | 5 ~ 95% RH |
| Storage temperature | -20°C ~ 85°C |

■Package content

| | |
|----------|--|
| Hardware | Sunix 4084A Multi I/O Communication Card |
| Cable | DB9M RS-232+ DB25F Print Cable |
| CD | Driver CD |
| Manual | User Manual |



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