ISA
1 x RS232 &
1 x RS422/485

Features

- 1 RS232 Serial Port and 1 RS422/485 Serial port
- COM1 - COM8
- Interrupts 2-7, 10-12, 14-15
- 16 Byte fifo on each port
- Utility disk with Sample programs, Test and Terminal software with source code.
- Sample wiring schemes shown in the manual

Specifications

- Ports: 1 x RS232
  1 x RS422/485
- UART: 16550
- Baud rates: Up to 115,200
- Data Bits: 5,6,7 or 8
- Stop Bits: 1 or 2
- Parity: Odd, even, none, mark or space
- Power: 300mA @ 5V
  50mA @ ±12V
- Weight: 0.12kg
- Size: 10.7 x 12.5cm

422/485 Options

- RS422/485 port has on-board terminating resistors with full fail-safe open/short circuit detection
- Handshake options:

RS422

- CTS/RTS flow control

RS485 Gating

- TxD always/RTS true enabled
- RxD always enabled
- RxD RTS true disabled
- CTS forced true

Special 485 Features

- RxD±/TxD± multiplex jumpers

Wiring Schemes

- One talker, many listeners
- Many talkers/listeners full duplex
- Many talkers/listeners half duplex

Description

The half size card provides one RS232 serial port and one RS422/485 serial port. The upper RS422/485 port and the lower RS232 port both use the standard ISA 9 pin Male D connector.

The RS422/485 port is configurable as RS422 with and without handshaking or RS485 full and half duplex.

Each serial port may be jumper configured as COM1 - COM8 with interrupt line jumpers set to IRQ 2-7, 10-12, 14-15.

Optional LPT port available with a fly lead from the board to a backplate on the PC.

Software

Serial Solutions Device Driver CD contains software for Windows Millennium, Windows 98, Windows 95, Windows NT4, Windows 3.x, DOS and OS/2.

Informative manuals and sample programs are supplied with full source code on CD!

For details of RS232, RS422 or RS485 Standard see:
www.brainboxes.com/standards

ORDER	
Description	Code
ISA 1 x RS232 & 1 x RS422/485	CC-057
LPT ADAPTOR CABLE	CC-032