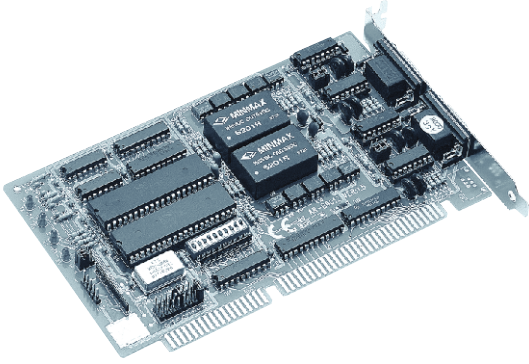


Isolated 422/485 Communication Card

AR-B9012



Features

- 2 serial 16C550 ports (16C550 w/16 byte FIFO for option)
- Interface type: RS-422A or RS-485
- Baud Rate: up to 115.2K bps
- Can be set from COM1 to COM8
- Port Signals: TXD, RXD, CTS and RTS
- Isolation Voltage: 500VDC
- Maximum transfer distance: 4000 feet
- Terminator: 120 ohms (Enable/Disable selection switch)
- Power requirement: 5V/250mA
- Two or four wire operation
- Dimensions: 175mm x 107mm

Specifications

General

Interface Type	RS-422A or RS-485
Number of Ports Per Card	2
Maximum Transfer Distance	4000ft
Baud Rate	50 to 115.2K
Parity	None, even, odd, mask or space
Data Bits	5, 6, 7 or 8 bits
Stop Bits	1, 1.5 or 2 bits
Port Signal	TXD, RXD, CTS and RTS
Connector	D-type, 9pin, female
UART	16C550
Output Driver	SN75175 or SN75173
Input Driver	SN75174 or SN75172
Input Resistance	RS-422A 4K ohm; RS-485 12K ohm
Termination Resistor	120 ohm
Signal Isolator	PC900 for TXD and RXD, 4N35 for CTS and RTS, 5000Vrms isolation
Power Isolator	DC to DC converter, 500 VDC isolation
Bus Type	8 bit ISA bus (If only first 4 IRQ used) 16 bits ISA bus (If 8 IRQ used)
Interrupt Channel	IRQ 2(9), 3, 4, 5, 10, 11, 12 and 15
Power Requirement	5VDC/250mA
Physical and Environmental	Operating Temp. : 0 to 60 Celsius degree Storage Temp. : -25 to 85 Celsius degree Humidity: 0% to 95%, non-condensing
Dimensions	175mm x 107mm

Ordering information:

Model No.	Description	Accessories
AR-B9012	Isolated 422/485 Communication Card	Disk: DOS Driver, Win31 Driver