Certification   Application Stories   FAQ   News & Events

Home | About Company | Products | Download | Distributors | Partners | Training | Activity | Catalog

I-8142/I-8142-G
2-port RS-422/485 Module

Hardware   Dimensions   Certification

FAQ

Model: I-8142   **Model: I-8142-G**

Specifications

Number of ports	2
Interface	Isolated RS-422/485 (The RS-422 and RS-485 couldn't be used simultaneously) RS-422: TxD+, TxD-, RxD+, RxD-, RTS+, RTS-, CTS+, CTS- RS-485: Data+, Data-
Controller	16C550 compatible Speed: 115200 bps Max. Data bit: 5, 6, 7, 8 Stop bit: 1, 1.5, 2 Parity: None, Even, Odd, Mark, Space FIFO: Internal 16 bytes
Self-Tuner Asic inside	Yes.
Interrupt	Shared Interrupt
Bus	Parallel I/O Module
Supports Max devices	Supports 32 devices max by each port. For Hardware version 6.7
Connector	8-Pin RJ-45
4KV ESD Protection	Yes, Contact for each port.

Software
Support interrupt driven software library
Support VxCOM library

LED Display
1 LED as Communication Indicator
2 LEDs as Communication(TxD) Indicators
2 LEDs as Communication(Error) Indicators

Power

Power Consumption	0.32A @ 5V = 1.6W, +/- 5% For Hardware version 4.0

Environment

Operating Temperature	-25 to 75 °C
Storage Temperature	-40 to 85 °C
Humidity	5 to 95%, Non-condensing

Dimensions
31mm x 63mm x 114mm (W x L x H)
Include cable
CA-RJ1003 x 1

back

Ordering information

Ordering Information

I-8142   2-Port RS-422/485 Module (Blue Cover)
I-8142-G   2-Port RS-422/485 Module (Gray Cover)

Suggested Accessory

CA-RJ0903   9-Pin Male D-sub to 10-Pin RJ-45 Cable (30cm)
CA-RJ1003   10-Pin RJ-45 to 10-Wire Cable (30cm)
CA-RJ1010   10-Pin RJ-45 to 10-Wire Cable (1M)

Related Products

I-8144   4-Port RS-422/485 Module (Blue Cover)
I-8142i   2-Port Isolated RS-422/485 Module (Blue Cover)
I-8142   2-Port RS-422/485 Module (Blue Cover)