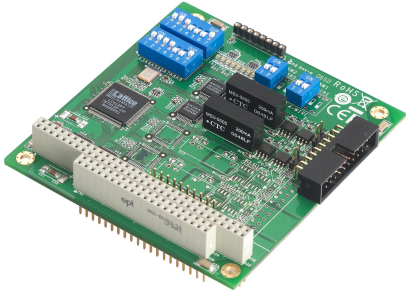


CA-132/132I 系列

雙埠 RS-422/485 PC/104 模組, 提供 2KV 光電隔離保護版本



特色與優點

- 快速資料傳輸, 最高傳輸達 921.6 Kbps
- 晶片內建軟體流量控制
- 內建 Tx 和 Rx LED 顯示燈, 可監看每個串列埠的狀態
- 支援 RS-485 ADDC® (自動數據流向控制)
- 支援 Windows CE 5.0 和 Windows XP Embedded 作業系統
- 提供寬溫版本, 適合 -40 至 85°C 的作業環境

認證



簡介

CA-132/132I PC/104 模組具備 2 個 RS-422/485 連接埠, 為可靠、高效能的多埠串列通訊解決方案, 能夠與支援 PC/104 擴充介面的 PC/104 CPU 板搭配使用。並可選購 DB9 和 DB25 連接線來連接串列裝置且 支援眾多作業系統, 更使其成為多種應用的理想模組。

規格

Serial Interface

| | |
|---------------------------|---|
| Comm. Controller | 16C550C or compatible x 2 |
| Bus | PC/104 bus |
| Connector | 20-pin box header |
| DIP Switches | I/O base address, Interrupt vector |
| IRQ | 3, 4, 5, 6, 7, 9, 10, 11, 12, 15 (shared for all ports) |
| FIFO | 64 bytes |
| Max. No. of Boards per PC | 8 |
| No. of Ports | 2 |
| Serial Standards | RS-422, RS-485 |
| Baudrate | 50 bps to 921.6 kbps |
| Data Bits | 5, 6, 7, 8 |
| Stop Bits | 1, 1.5, 2 |
| Parity | None, Even, Odd, Space, Mark |
| Flow Control | None, XON/XOFF |
| Isolation | CA-132I/132I-T: 2 kV |

Serial Signals

| | |
|-----------|-------------------------|
| RS-422 | Tx+, Tx-, Rx+, Rx-, GND |
| RS-485-4w | Tx+, Tx-, Rx+, Rx-, GND |
| RS-485-2w | Data+, Data-, GND |

Serial Software Features

| | |
|-----------------|--|
| Windows Drivers | DOS, Windows 95/98/ME/NT/2000, Windows XP/2003/Vista/2008/7/8/8.1/10 (x86/x64), Windows 2008 R2/2012/2012 R2 (x64), Windows Embedded CE 5.0/6.0, Windows XP Embedded |
| Linux Drivers | Linux kernel 2.4.x, Linux kernel 2.6.x |
| UNIX Drivers | FreeBSD 4.x, QNX 4, SCO UNIX, OpenServer |

Power Parameters

| | |
|---------------|---|
| Input Current | CA-132 Series: 155 mA @ 5 VDC CA-132I Series: 190 mA @ 5 VDC |
| Input Voltage | 5 VDC |

Physical Characteristics

| | |
|------------|-----------------------------|
| Dimensions | 90 x 96 mm (3.54 x 3.78 in) |
|------------|-----------------------------|

LED Interface

| | |
|----------------|------------------------------------|
| LED Indicators | Built-in Tx, Rx LEDs for each port |
|----------------|------------------------------------|

Environmental Limits

| | |
|--|---|
| Operating Temperature | Standard Models: 0 to 55°C (32 to 131°F) Wide Temp. Models: -40 to 85°C (-40 to 185°F) |
| Storage Temperature (package included) | -40 to 85°C (-40 to 185°F) |
| Ambient Relative Humidity | 5 to 95% (non-condensing) |

Standards and Certifications

| | |
|-----------------------|--|
| EMC | EN 55032/24 |
| EMI | CISPR 32, FCC Part 15B Class A |
| EMS | IEC 61000-4-2 ESD: Contact: 4 kV; Air: 8 kV IEC 61000-4-3 RS: 80 MHz to 1 GHz: 3 V/m IEC 61000-4-4 EFT: Power: 2 kV; Signal: 1 kV IEC 61000-4-5 Surge: Power: 0.5 kV IEC 61000-4-6 CS: 150 kHz to 80 MHz: 3 V/m; Signal: 3 V/m IEC 61000-4-8 PFMF |
| Environmental Testing | IEC 60068-2-1 IEC 60068-2-2 IEC 60068-2-3 IEC 60068-2-14 |
| Safety | EN 60950-1, UL 60950-1 |
| Vibration | IEC 60068-2-6 |

Declaration

| | |
|---------------|-------------------|
| Green Product | RoHS, CRoHS, WEEE |
|---------------|-------------------|

MTBF

| | |
|-----------|--------------------------|
| Time | 536,288 hrs |
| Standards | Telcordia (Bellcore), GB |

Warranty

| | |
|-----------------|--|
| Warranty Period | 5 years |
| Details | See www.moxa.com/tw/warranty |

Package Contents

| | |
|---------------|---|
| Device | 1 x CA-132/132I Series PC/104 module |
| Documentation | 1 x document and software CD 1 x quick installation guide 1 x warranty card |

訂購資訊

| Model Name | Serial Bus | Serial Standards | Serial Isolation Protection | Operating Temp. |
|------------|------------|------------------|-----------------------------|-----------------|
| CA-132 | PC/104 | RS-422/485 | - | 0 to 55°C |
| CA-132I | PC/104 | RS-422/485 | 2 kV | 0 to 55°C |
| CA-132-T | PC/104 | RS-422/485 | - | -40 to 85°C |
| CA-132I-T | PC/104 | RS-422/485 | 2 kV | -40 to 85°C |

© Moxa Inc. 版權所有. 2020 年 3 月 12 日更新。

未經 Moxa Inc. 明確書面許可，不得以任何方式複製或使用本文件及其任何部分。產品規格如有變更，恕不另行通知。請至本公司官網了解最新的產品資訊。