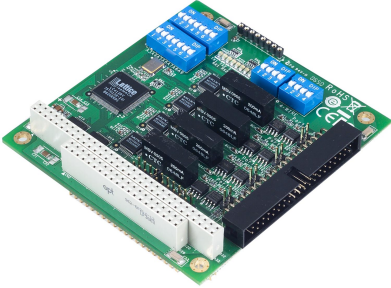


# CA-134I 系列

4 埠 RS-422/485 PC/104 模組，具備 2 kV 隔離能力



## 特色與優點

- 最高 921.6 kbps，可快速傳輸資料
- 晶片上的軟體流量控制
- 每個連接埠內建 Tx 和 Rx LED 指示燈
- 支援 Windows CE 5.0/6.0 和 Windows XP 嵌入式作業系統
- 適用於 -40 至 85°C 環境之寬溫模組

## 認證



## 簡介

CA-134I PC/104 模組為可靠、高效能、多埠序列通訊解決方案，具有 4 組 RS-422/485 連接埠，可搭配接受 PC/104 擴充介面的 PC/104 CPU 主機板使用。選配的 DB9 和 DB25 連接纜線可用於連接序列裝置，此模組支援多款驅動程式，因此適合多種應用。

## 規格

### Serial Interface

Comm. Controller	16C550C or compatible x 4
Bus	PC/104 bus
Connector	40-pin box header
DIP Switches	I/O base address, Interrupt vector, Serial interface
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	4
Serial Standards	RS-422, RS-485
Baudrate	50 bps to 921.6 kbps (supports non-standard baudrates)
Data Bits	5, 6, 7, 8
Stop Bits	1, 1.5, 2
Parity	None, Even, Odd, Space, Mark
Flow Control	None, XON/XOFF
Isolation	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

## Power Parameters

Input Current	220 mA @ 5 VDC
Input Voltage	5 VDC

## Physical Characteristics

Dimensions	90 x 96 mm (3.54 x 3.78 in)
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## LED Interface

LED Indicators	Built-in Tx, Rx LEDs for each port
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## Environmental Limits

Operating Temperature	CA-134I: 0 to 55°C (32 to 131°F) CA-134I-T: -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

## Declaration

Green Product	RoHS, CRoHS, WEEE
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## Standards and Certifications

Safety	EN 60950-1, UL 60950-1
Vibration	IEC 60068-2-6

## MTBF

Time	339,822 hrs
Standards	Telcordia (Bellcore), GB

## Warranty

Warranty Period	5 years
Details	See <a href="http://www.moxa.com/tw/warranty">www.moxa.com/tw/warranty</a>

## Package Contents

Device	1 x CA-134I 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	No. of Serial Ports	Serial Isolation Protection	Operating Temp.
CA-134I	PC/104	RS-422/485	4	2 kV	0 to 55°C
CA-134I-T	PC/104	RS-422/485	4	2 kV	-40 to 85°C

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