



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# EMIO-100S

USB to 1-Ch High Speed Serial COM Port Module

# EMIO-100S

USB to 1-Ch High Speed Serial COM Port Module (w/o external USB header)

NEW



RoHS COMPLIANT  
2002/95/EC CE FCC

## Features

- USB to 1x High Speed Serial COM port module
- Full size Mini PCIe & module type combo
- MiniPCIe via USB & USB pin header
- Supports High Speed RS232/ RS422/ RS485 port

## Specifications

Technology	High Speed Serial COM type
Host Site Interface	Combo USB (Internal/ External) Interface
Host Site Connector	Internal USB port: Mini PCIe thru USB External USB port: 2.0 mm, 1x4-pin, male header
Serial COM Connector	2.0 mm, 2x5-pins, male pin header
Support Voltage and Current	+ 5.0 V, 100 mA
LED Status	Power On/Off: Red LED UART Tx Active: Green LED
O.S Supported	Windows 2000/ XP/ Vista/ 7/ 8 (32 and 64-bits), WinCE (5.0, 6.0), Linux (2.6.32 or later)
Temperatures	Operation: -40 to +85 °C Storage: -40 to +85 °C
Dimensions (L x W x H)	50.59 x 30 x 13 mm

## Ordering Information

Part No.	Product Description
EMIO-100S-MPU01E	EMIO-100S Serial COM module, 1-Ch, USB I/F (-40 to +85 °C)

## Suggested Cables

Part No.	Specifications
1700019116	Cable, D-SUB 9P(F) to 2x5P-2.0mm, L=25cm
1700020641-01	Cable, D-SUB 9P(F) to 2x5P-2.0mm, L=10cm
1700021937-01	Cable, D-SUB 9P(F) to 2x5P-2.0mm, L=45cm
1700019261	Cable, 2x5P-2.0mm to 1x4P-2.0mm, L=40cm
1700021861-01	Cable, USB-A(F) to 1x4P-2.0mm, L=15cm

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- Full size Mini PCIe & module type combo
- MiniPCIe via USB
- Supports High Speed RS232/ RS422/ RS485 port

## Specifications

Technology	High Speed Serial COM type
Host Site Interface	MiniPCIe thru USB interface
Host Site Connector	Internal USB port: Mini PCIe thru USB
Serial COM Connector	2.0 mm, 2x5-pins, 90 degree male pin header
Support Voltage and Current	+ 5.0 V, 100 mA
LED Status	Power On/Off: Red LED UART Tx Active: Green LED
O.S Supported	Windows 2000/ XP/ Vista/ 7/ 8 (32 and 64-bits), WinCE (5.0, 6.0), Linux (2.6.32 or later)
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