



**THE DATASHEET OF
EMIO-100S-MPU01E**



EMIO-100S

USB to 1-Ch High Speed Serial COM Port Module

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

NEW



RoHS COMPLIANT 2002/95/EC CE FCC

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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

Features

- USB to 1x High Speed Serial COM port module
- 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	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

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)
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)

Ordering Information

Part No.	Product Description
EMIO-100S-MPU01E	EMIO-100S Serial COM module, 1-Ch, USB I/F, w/o USB connector (-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

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

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