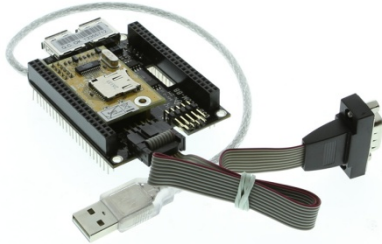


Model: USB-2COM-BB

BeagleBone Black USB Expansion RS232 Module Cape



BeagleBone I/O Module with automatic recognition of USB ports and SD card when installed. Utilizes GL852G USB 2.0 MTT Hub controller to expand the single USB port connections.



Specifications

USB 2.0 Port	Upstream (2), Downstream (1)
Power Mode	Self Power Mode
Output Voltage	+5V DC per port
Output Current	500 mA (max)
Micro SD Card Reader	480 Mbps USB 2.0 transfer speed
Support Memory Card	Micro SD / SDHC / SDXC
Serial Ports	Two RS-232 ports
RS-232 Signals	DCD, RxD, TxD, DTR, GND, DSR, RTS, CTS, RI
Maximum Bit Rates	921,600 bps
Serial Configuration	Data bits: 7,8 Parity: None, Odd, Even, Mark, Space Stop bits: 1, 2
UART FIFO Buffer Size	Each port with 128 Bytes FIFO for transmit and 384 bytes FIFO for receive.
Housing	Board Only
Dimensions	80mm X 55mm X 20mm (LxWxH)
Environmental	Operating Temperature: 0 to 70 °C (-40 to 158 °F) Humidity 0 to 90% RH. No condensing Storage Temperature: -40 to 85 °C (-40 to 185 °F) Safety Approvals: CE, FCC

Features

- Compatible with BeagleBone Black or BeagleBone platform
- Adds two high speed RS-232 ports via USB
- Two DB-9 Male connectors via flat ribbon
- Two downstream USB 2.0 ports
- Plug and Play, no software or drivers needed
- Compatible with SDXC, up to 2TB
- Micro SD Card Reader with 480 Mbps transfer speed

Product Information

- Product Name:** USB-2COM-BB
- Packing List:** USB-2COM-BB cape, 2 RS-232 DB-9 serial ribbons
- Optional Accessories:** N/A