

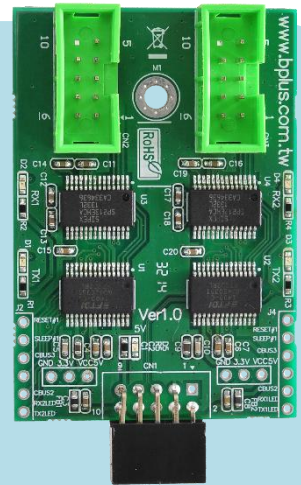
U0902A (USB2.0 9pin Header to dual RS232)

The U0902A is a communication devices design for IPC. Provides a simple method of adapting legacy serial devices with RS232 9pin interfaces to modern USB 9pins ports.

This is accomplished by incorporating the industry standard FTDI FT232R USB-Serial bridge chip. The integrated electronics of the U0902A utilize the FTDI FT232R and includes RS232 level shifters plus TXD/RXD LEDs to provide a visual indication of data traffic through the module solutions worldwide.

Specification

- Compliant to USB specification Revision 2.0
 - Integrate USB 2.0 transceiver
 - 0°C to 70°C extended operating temperature range.
 - USB 2.0 Full Speed compatible.
 - UHCI/OHCI/EHCI host controller compatible.
 - RS-232 data signals: TxD, RxD, RTS, CTS, DSR, DTR, DCD, RI, GND
 - RS-232 Standard 9pin Dsub & 9pin Header connectors.
 - Powered by USB port. No external power adapter required.
 - Low operating and USB suspend current.
 - Configurable non-removable device support
 - Low power consumption
 - Adds two RS-232 serial port by connecting to USB2.0 9pin Header.
 - Easy plug & play installation and RS-232 device connection
 - Works with USB 1.1 & 2.0 Host and Hub ports
 - Industry Standard FTDI chip set & device drivers for maximum compatibility
 - Sipex SP213EHCA Transceiver: Improved electrical performance.
 - Microsoft Windows® WHQL-certified, Mac OS X, Linux and Windows CE device drivers
 - Supports OS: **Win98 / Me / 2000 / XP / XP x64 / Server 2003 x86 x64 / Vista x86 x64 / Server 2008 x86 / x64 / 7 x86 x64 / Server 2008 R2 / Linux / Mac OS X / OS 9 / OS 8 / Support embedded system : Win CE .NET V4.2 Greater / Android.**
 - Installs as a standard Windows COM port
 - Serial port speed up to 1Mbps
 - Serial Communication Parameters
 - o Parity: None, Even, Odd
 - o Data bits: 7, 8
 - o Flow control: RTS/CTS , DSR/DTR, X-ON/X-OFF, None
 - LEDs indicate USB Enumeration, RxD, TxD for monitoring port status & easy diagnostics
 - Driver download: <http://www.ftdichip.com/FTDrivers.htm>
- * No Software or develop support from Bplus.**



U0902A



Function

System Requirements

USB 2.0 9pin port

Dimension

59mm X 40mm X 11mm

Certification

RoHS

Operating Temperature

0°C to 70°C

U0902A Package Contents

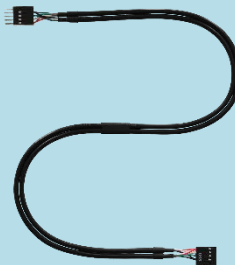
U0902A *1

(USB2.0 9pin Header to dual RS232) x1



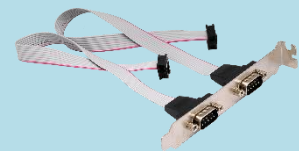
Y09-U12-030 *1

(USB2.0 9PIN cable 30cm)



Y09-T01-025 *1

(Dual RS232 9PIN cable)



2.0cm Pillars *1



Screw *1



U0902A Use case

