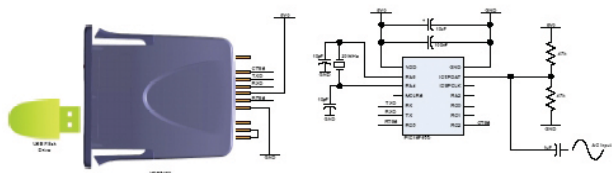


VDRIVE2



VDRIVE2 is possibly the easiest solution for adding a USB Flash Drive interface to existing products. Only four signal lines plus 5V supply and ground are required to be connected. Using the Vinculum VDAP firmware the VNC1L's I/O interface can be selected between the serial UART or SPI using the on-board jumper pins. Not only is the VDrive2 ideal for evaluation and development of VNC1L designs, but also its neat enclosure and attractive quantity discount structure makes this module suitable for incorporation into finished product designs. The VDrive2 is ideal for commercial products such as domestic goods, set top box, etc., as well as industrial products such as data loggers, software upgradable products, etc.

- USB 'A' Part No. socket to connect USB Flash drive
- Uses F.T.D.I.'s VNC1L embedded USB host controller I.C. device.
- Jumper selectable UART or SPI interfaces.
- Only four signals to connect, excluding power and ground.
- Single 5V supply input.
- Uses VDAP firmware and command set.



Part No.	Ord. No.
S VDRIVE2	60898

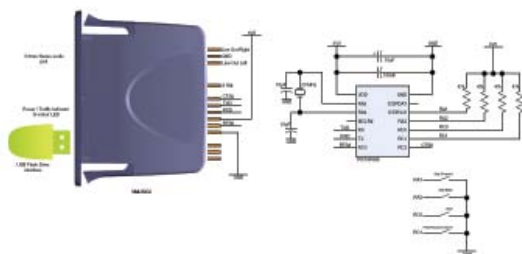
VMUSIC2



VMUSIC is a product that not only lets you add USB Flash drive interfacing to your product but allows you to play back MP3 and other popular digital music formats direct from a USB Flash drive. Extensions to the VDAP command set allow you to play a selected file as well as control the volume, balance, etc. of the sound channel and monitor the status of the file being played. VMUSIC is ideal for adding MP3 playback from USB drive capability to

home entertainment and in-car audio systems, as well as other appliances requiring audio playback capability from USB Flash drives.

- One USB „A“ socket to connect to USB Flash drive
- Stereo 3.5mm headphone jack socket and audio line-out connector
- Uses FTDI's VNC1L device coupled with VLSI VS1003 IC
- Jumper selectable UART or SPI interface
- Only 4 signals to connect excluding PWR/GND
- Program or update firmware via USB Flash disk or via UART interface
- Uses extended VDAP command set
- Single 5V supply input



Part No.	Ord. No.
S VMUSIC2	60716

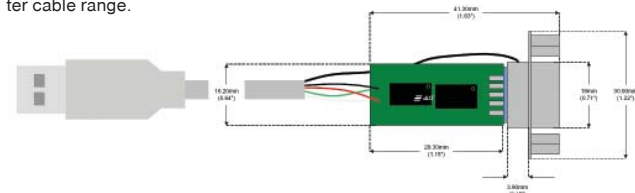
UC 232 R USB - RS232 Converter



The UC232R-10-NE „ChiPi“ USB to RS232 converter is an evaluation cable for the FT232R. It utilises the minimum number of components required for a basic USB - RS232 converter designed using the FT232RL. Using the FT232RL chip combined with an RS232 level converter and a few capacitors, the UC232R-10-NE „ChiPi“ is a CE and FCC approved product which is one of the simplest USB - RS232 solutions around.

Using a standard DB9 connector and powered from the USB port, the ChiPi can be used on a PC which is capable of communication rates with RS232 devices from 300 baud up to 230kbaud.

The UC232R-10 „ChiPi“ is the economy version of FTDI's USB to RS232 converter cable range.



Part No.	Ord. No.
S UC232R-NE „ChiPi“	59950
S UC232R-R10 „ChiPi“	68088

TTL-232R Series



The new TTL-232R is a USB - TTL serial converter cable which will allow for a simple way to connect serial TTL level devices to USB. The TTL-232R uses a FT232RQ chip which is housed within the USB „A“ connector. A 1.8 meter (6 foot) cable is terminated with a 6 way 0.1" pitch header socket.



Part No.	Description	Ord. No.
S TTL-232R	Converter USB/RS232 (FT232R) 5,0V	56111
S TTL-232R-3V3	Converter USB/RS232 (FT232R) 3,3V	57997
O TTL-232R-AJ	Converter USB/RS232 audio jack	59463

USB-RSxxx-WE-1800BT Series



The USB_RSxxx cables are a family of USB to RSxxx levels serial UART converter cables incorporating FTDI's FT232RQ USB to serial UART interface IC device which handles all the USB signalling and protocols. The cables

provide a fast, simple way to connect devices with a RS232 or RS485 level serial UART interface to USB.

Each USB-RSxxx cable contains a small internal electronic circuit board, utilising the FT232R, which is encapsulated into the USB connector end of the cable.

The USB side of the cable is USB powered and USB 2.0 full speed compatible. Each cable is 1.8m long and supports a data transfer rate up to 1 or 3 Mbaud. Each cable supports the FTDIChip-ID™, with a unique USB serial number programmed into the FT232R.

Part No.	Ord. No.
S USB-RS232-WE-1800BT	72059
S USB-RS485-WE-1800-BT	75342

US 232R-100 Premium USB - RS232 Serial Converter Cable



The US232R-100 is FTDI's premium USB to RS232 evaluation cable which can be used for testing the functionality of the FT232R device and drivers prior to design-in.

The electronics, including the FT232RQ chip are housed in an attractive glossy white enclosure with blue, side-lit LED Tx and Rx traffic indicators. A matching white 1m USB cable uses gold plated USB and DB9 connectors.

The US232R-100 evaluation cable is supplied in retail packaging which includes instructions together with a Drivers and Utilities CD complete with Microsoft WHQL certified VCP drivers for Windows XP. Drivers for the Apple Mac, Linux and other versions of Windows are also included on the CD. A bulk pack version is also available, which is supplied loose in an anti-static bag. No driver CD is supplied with the bulk pack version.

The US232R-100 uses an enhanced RS232 level converter and is capable of communication rates from 300 Baud to 1M Baud.

Part No.	Ord. No.
S US232R-100-BLK	71853