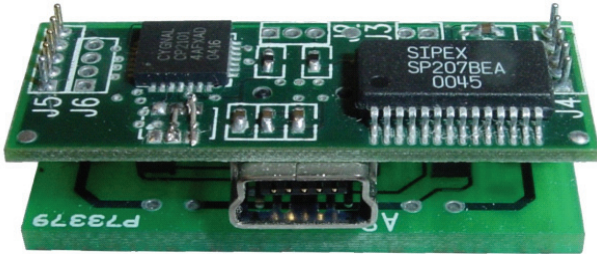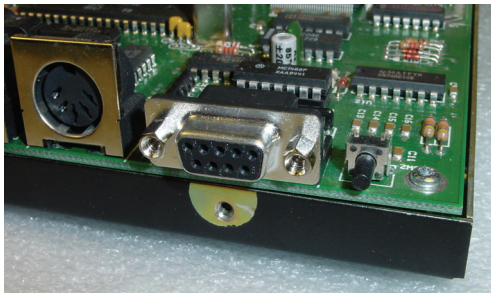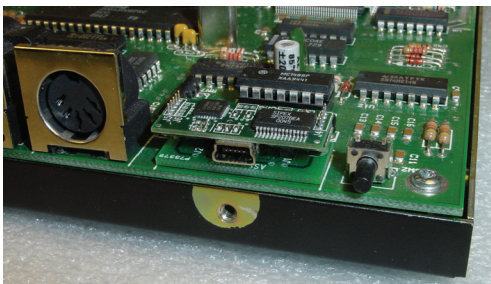# U232

RS-232-to-USB Conversion Module

The U232 is a RS-232-to-USB conversion module for replacement of PCB mount DB-9 and DB-25 connectors. It offers a quick upgrade to USB of an existing product's legacy RS-232 serial port by replacement of the D-subminiature (DB) connector. No electrical or physical changes are required – just replace the existing serial port connector with the U232 module on the circuit board. The USB port on the host device supplies all power for the module. Several models are available for both DB-9 and DB-25 connectors with long and short footprints.

Before

After

Features

- *Direct replacement for legacy DB9 and DB25 Right Angle PCB connectors*
- *Powered by USB*
- *Mini-B USB Connector*
- *300 - 115 kbps*
- *Suitable for retrofit and new products*
- *Available in deep (.591") footprint*
- *Available in normal (.318") footprint*
- *Available in custom footprint*
- *USB cable supplied*
- *USB Windows, Linux software drivers supplied with U232*
- *ROHS compliant models available*

Specifications

USB I/O	
USB port	USB 2.0 compliant
Data rate:	Full Speed (12 Mbps)
ESD protection	+/-10 kV

RS-232 I/O	
Serial Port	RS-232 compliant
Serial data rate	115 kbps bps
ESD protection	+/-10 kV

Physical	
PCB Footprint	DB-9, DB-25, .318" & .591" deep
Size	Compatible with DB-9 & DB-25 dimensions
Weight	1 oz.
Operating Temp.:	-40 degrees C to +85 degrees C
Power:	USB bus 5 VDC, 30 mA.

Patent Pending.

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TECHNOLOGY INC.