USB to SPI Converter

Characteristics:

- **Connect SPI devices to USB port directly**
- **Selectable 3.3V or 5.0V SPI interface**
- **Target can be powered from USB directly**
- **Up to 400 mA output current**
- **Selectable target power supply voltage 3.3V, 5V or switched off (high impedance)**
- **3 LED´s indicating SPI interface mode**

Description :

The „USB to SPI Converter" unit is used as a stand alone USB interface and power supply for any SPI device such as microcontrollers, sensors or integrated circuits. It is also suitable for interfacing AMAC GmbH integrated circuits, demoboards and user boards.

With the USB to SPI Converter software tools it is also possible to apply a stabilized 5.0 volt or 3.3 Volt power supply voltage to the interface and drive SPI device up to 400mA directly from USB port.

Technical Data*:

General Parameters	
Operating voltage	USB Supply Voltage +2.5V ... +5.5V
Output voltage	3.3V / 5V / High Impedance (depends on the configuration)
Maximum output current	400 mA
Temperature range	- 20 °C ... +55 °C
Maximum cable length to the slave device (SPI)	0.5 m

* A detailed description of the technical data is found in the according user manual under www.amac-chemnitz.de

Ordering Information:

Product Type	Description	Item No.
USB to SPI Converter	USB to SPI Interface Unit	PR-44025-10