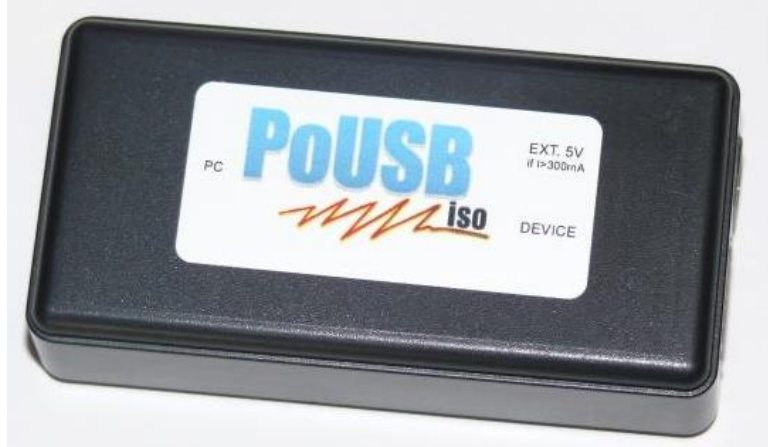


PoUSBiso User's manual

Description

PoUSBiso is USB Full speed USB 2.0 compliant port isolator with 1000V isolation voltage. It protects your computer from over-voltages, ESD shock. USB-ISO provides 1000VDC isolation and this way you can connect to your PC programmers, debuggers and other devices which work directly with targets at high voltages like



230V mains power supply etc. Even if your target is not connected to high voltage, PoUSBiso is additional protection for your valuable computer, laptop etc. PoUSBiso is generating 5V 400mA max for supplying your USB device with isolated DC-DC. If device needs more power, external 5V power supply can be connected to power jack. Note that in this case the external power supply must be **isolated** as the external power supply will be directly connected to your USB device.

PoUSBiso FEATURES

- USB and power supply isolation 1000VDC between primary and secondary side
- Fully USB 2.0 compliant
- Full speed data rate 12Mbps
- Power Jack for external power supply with +5VDC, which is isolated from the computer
- Isolated power supply in device

Technical specifications

- 1000VDC isolation from primary to secondary side
- 400mA isolated current available on secondary side
- External 5V power jack on secondary side for higher currents
- dimensions TBD x TBD mm (TBD x TBD")

Board use requirements

Two low resistance (under 1 ohm) cables are needed to use PoUSBiso.