USB Isolator



Features:

- USB 2.0 compatible
- Low and full speed data rate: 1.5 Mbps and 12 Mbps
- Bidirectional communication
- 4.5 V to 5.5 V VBUS operation
- 7 mA maximum upstream supply current at 1.5 Mbps
- 8 mA maximum upstream supply current at 12 Mbps
- 2.3 mA maximum upstream idle current
- Upstream short-circuit protection
- Class 3A contact ESD performance per ANSI/ESD STM5.1-2007
- High common-mode transient immunity: >25 kV/µs
- RoHS compliant
- Qualified for automotive applications
- Safety and regulatory approvals
- UL recognition: 2500 V rms for 1 minute per UL 1577
- CSA Component Acceptance Notice #5A
- IEC 60950-1: 600 V rms (basic)
- VDE certificate of conformity
- DIN V VDE V 0884-10 (VDE V 0884-10):2006-12
- VIORM = 560 V peak



Official Tested Devices

- Generic USB Audio Codec
- USB mouse(IBM)
- CP2102 USB-to-TTL converter
- USB1.0 Sandisk Flash Disk
- USB wifi dongle (EDUP)
- USB J-Link program downloader
- USB ST-Link program downloader
- CH340G USB-to-TTL converter