

Isolated USB to Serial Converter for UPS

The schematic diagram illustrates the internal circuitry of the VoltLink UPS Isolator. It features a central microcontroller (U3, CP2102N-A01-GQFN28) that interfaces between a USB Type-B connector (J2) and a USB Type-A connector (J1). The USB Type-B connector is connected to a USB-to-serial converter chip (U2, USBLC6-2P6), which in turn connects to the microcontroller. The microcontroller's TX and RX pins are connected to a serial-to-USB interface chip (U1, ADUM1201AR) via a serial interface. The serial-to-USB interface chip is connected to the USB Type-A connector. The schematic includes various components like resistors (R1, R2, R3, R4, R5), capacitors (C1, C2, C3, C4, C5, C6, C7), and ground connections (GND1, GND2, Earth). A note indicates VDDIO = 3V3 100mA max! generated by internal reg. The schematic is labeled 'Isolated USB to Serial Converter for UPS'.

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 Isolated USB to Serial for UPS
Voltlog
 Sheet: /
 File: voltlink-iso.kicad_sch
Title: VoltLink UPS Isolator

Size: A3	Date: 2026-01-21	Rev: A
KiCad E.D.A. 9.0.7		Id: 1/1

Rev: A
Id: 1/1