

2x2 USB Power Connector Module v1.2

A Lego-compatible Crazy Circuits module

Micro-USB connector edge piece that breaks out 3.3V from the USB 5V along with the GND. This could be used instead of a coin cell battery.

Bill of Materials

Ref	Qty	Description	Digikey PN
C1 C2	2	CAP CER 1UF 25V X7R 0603	587-2984-1-ND
J1	1	USB MICRO-B RECEPTACLE 5PIN SMT R/A STUDS	609-4616-1-ND
U1	1	IC REG LDO 3.3V 0.15A SOT353	576-3193-1-ND

Manufacturing Notes

This board must be v-scored. Do not panelize with support tabs or mousebites.

