

Breaking Bitcoin PCB

breaking_bitcoin

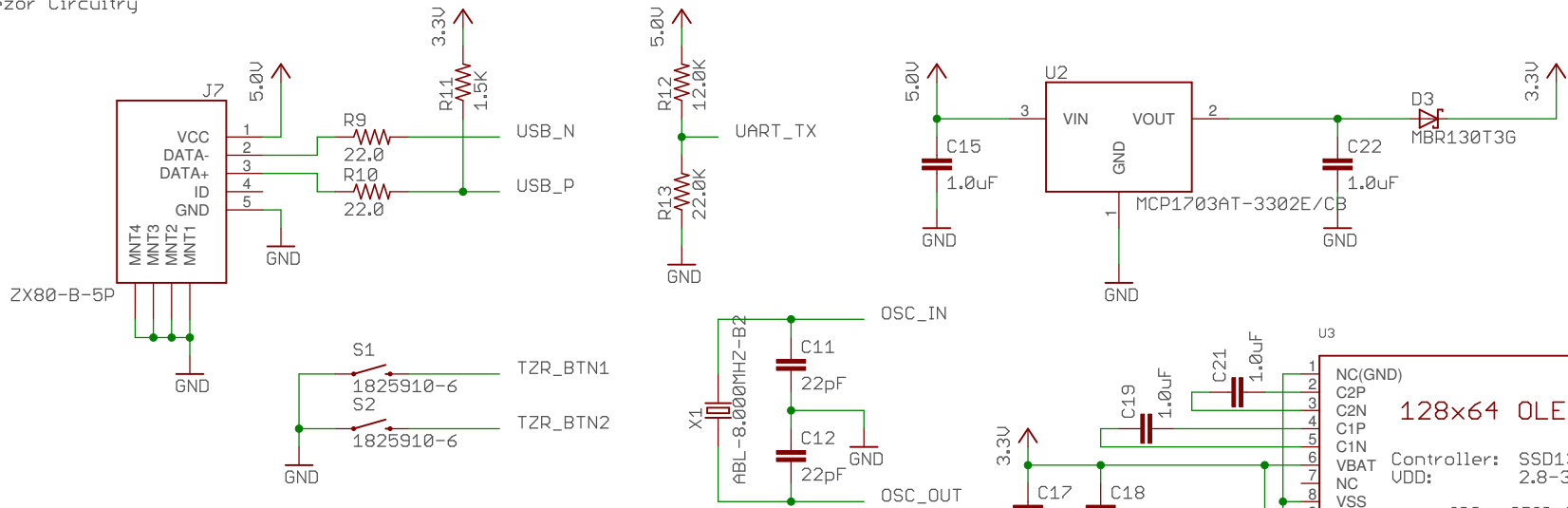
6/29/17 4:58 PM

Kirill V. Belyayev

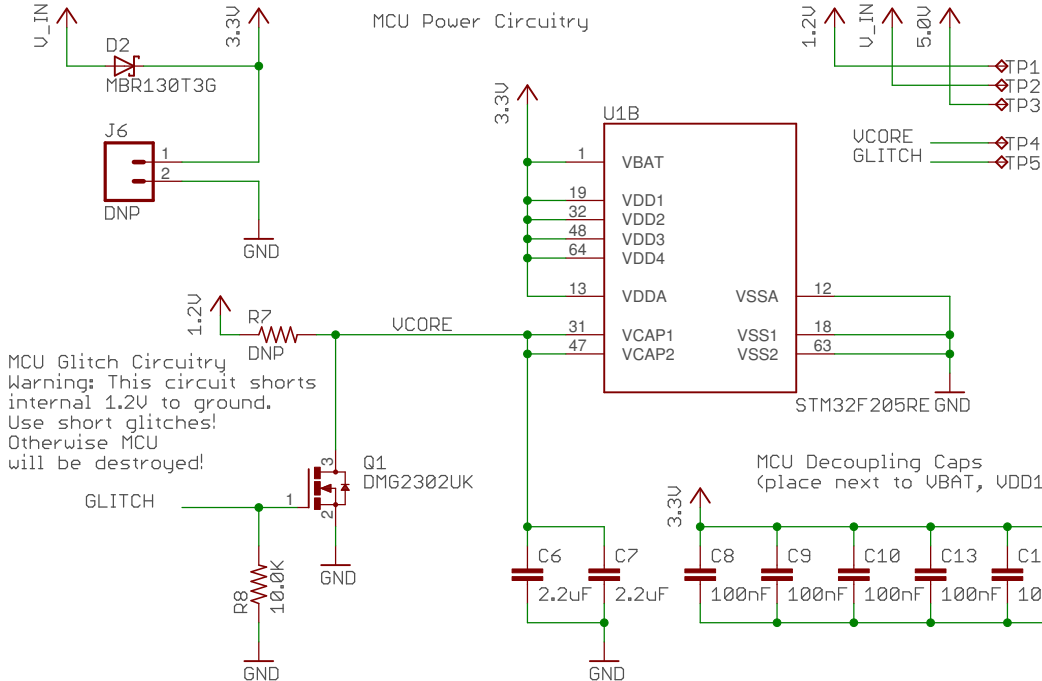
Sheet: 1/2

Rev:B

Trezor Circuitry



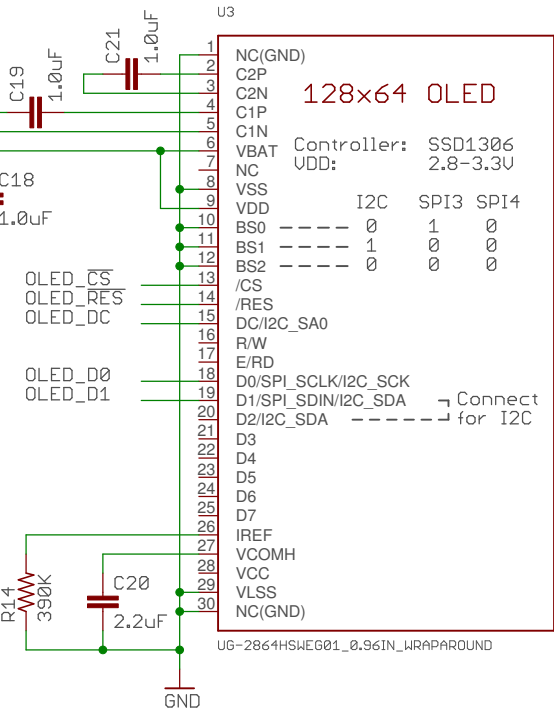
MCU Power Circuitry



MCU Glitch Circuitry
Warning: This circuit shorts internal 1.2V to ground. Use short glitches! Otherwise MCU will be destroyed!

GLITCH

MCU Decoupling Caps
(place next to VBAT, VDD1-4 and VDDA)



128x64 OLED

Controller: SSD1306
VDD: 2.8-3.3V

	I2C	SPI3	SPI4
BS0	0	1	0
BS1	1	0	0
BS2	0	0	0

Breaking Bitcoin

Breaking Bitcoin PCB

breaking_bitcoin

6/29/17 4:58 PM

Kirill V. Belyayev

Sheet: 2/2

Rev:B