

	FID1		FID3
	Fiducial		Fiducial
	FID2		FID4
	Fiducial		Fiducial

Schematic diagram of the FT2600-U debugger board. The central component is the FT2600-U (U3) debugger chip. It has various pins connected to external components. Power is supplied via +3.3V pins (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14) and ground pins (15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29). The chip has several LEDs: UART\_TX\_LED (pin 1), UART\_RX\_LED (pin 2), DEBUTTER (pin 3), STTEST\_RSTN (pin 4), RESETN (pin 5), DCNF0 (pin 6), DCNF1 (pin 7), VCCIN (pin 8), and DIO0 (pin 9). It also has a thermal pad (pin 29) and a USB connector (pins 10-14). The board includes a USB-to-UART bridge (U1, U2) and a USB-to-UART bridge (U3). The board is labeled "Suspend: 356 μA".

Operating mode: 200 uA  
Standby mode: 80 uA

[illegible][illegible]

Active: 4.5 mA  
Shutdown: 30 uA

Active: 4.5 mA  
Shutdown: 30 uA

Active: 68  $\mu$ A  
Disabled: 15  $\mu$ A

U7  
TMUX1574YYR

+3.3V

C19  
1u

GND

R39  
10k

SPI\_MUX\_SEL

GND

MOSI\_SD 1  
MOSI\_OUT 2  
MISO\_MCU 3  
MISO\_SD 4  
MISO\_OUT 5  
MISO\_MCU 6  
MISO\_MCU 7  
GND 8

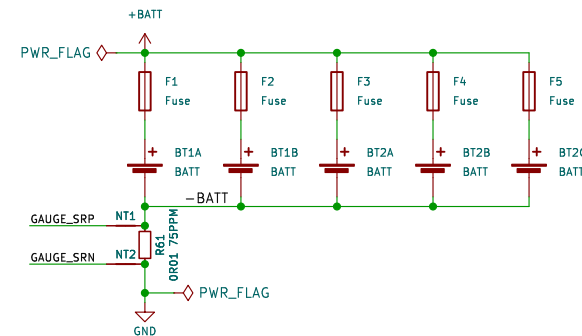
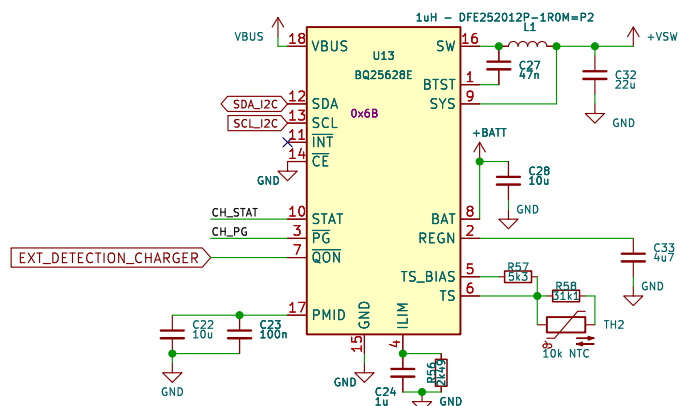
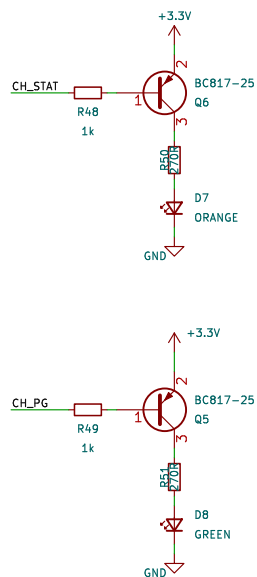
SEL VDD 16  
S1A EN 15  
S1B S4A 14  
D1 S4B 13  
S2A D4 12  
S2B S3A 11  
D2 S3B 10  
GND D3 9

SCLK\_SD  
SCLK\_OUT

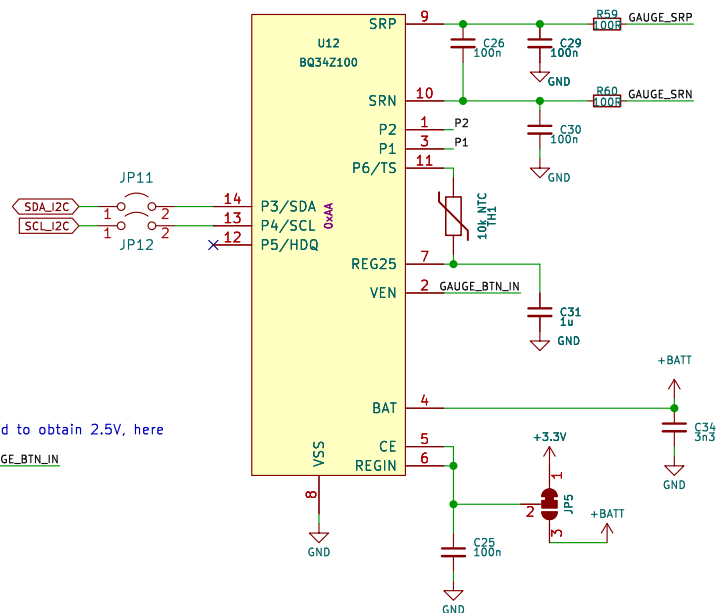
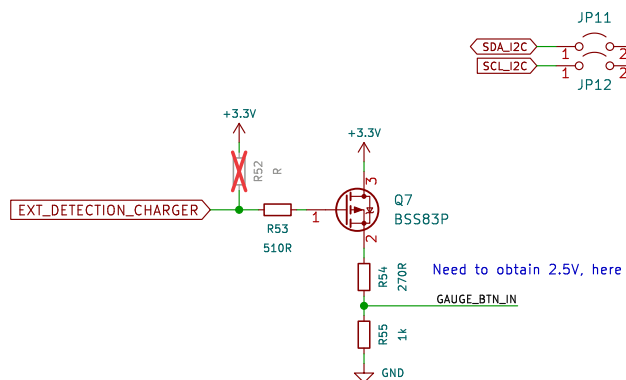
Size: A3	Page: 1/3	Date: 11-2023
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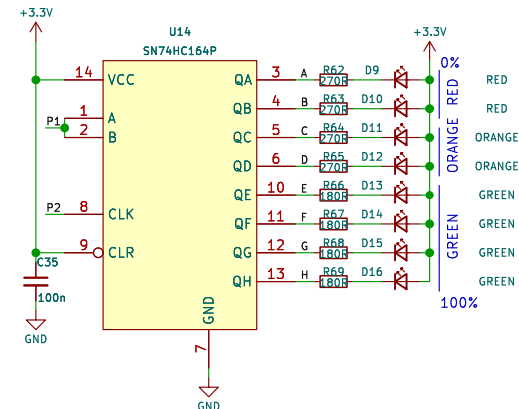
## BATTERY CHARGER



## FUEL GAUGE



## Battery Status Indicator



Doodhadnout optimální hodnoty odporů k LEDkám

Title: BATDATUNTI01

Universal battery and data storage unit.

Author: MLAB.cz

Size: A4

Page: 2/3

Date:



