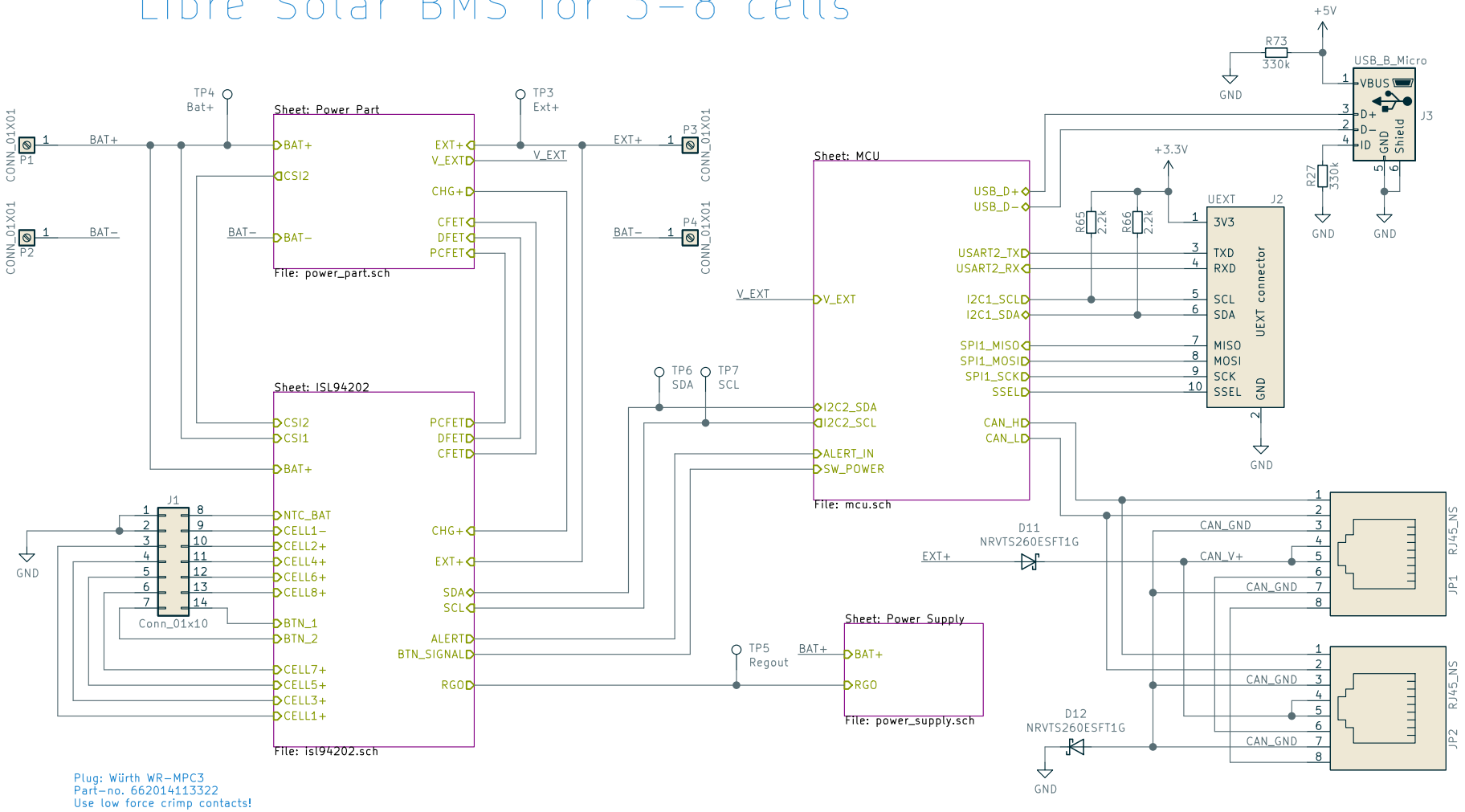
Libre Solar BMS for 3–8 cells



H1 MountingHole

H2 MountingHole

LOGO1 OPEN_HARDWARE

LOGO2 LIBRE_SOLAR

BMS 8S50 IC		LIBRESOLAR
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Sheet: / File: bms-8s50-ic.sch		
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Size: A4	Date: 2021-02-13	Rev: 0.2
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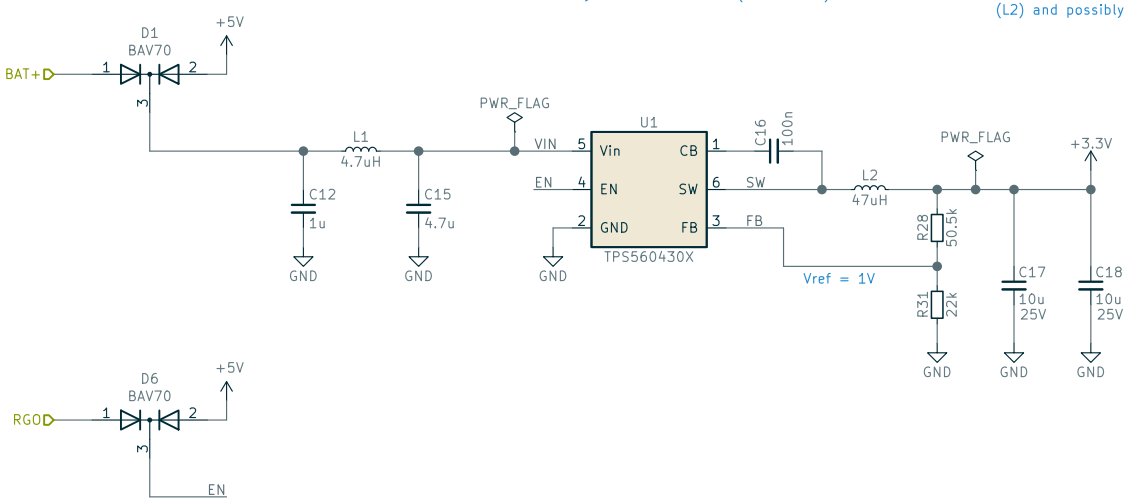
Battery to 3.3V (SMPS)

ToDo: Check Bourns inductor part number (L2) and possibly reduce footprint size



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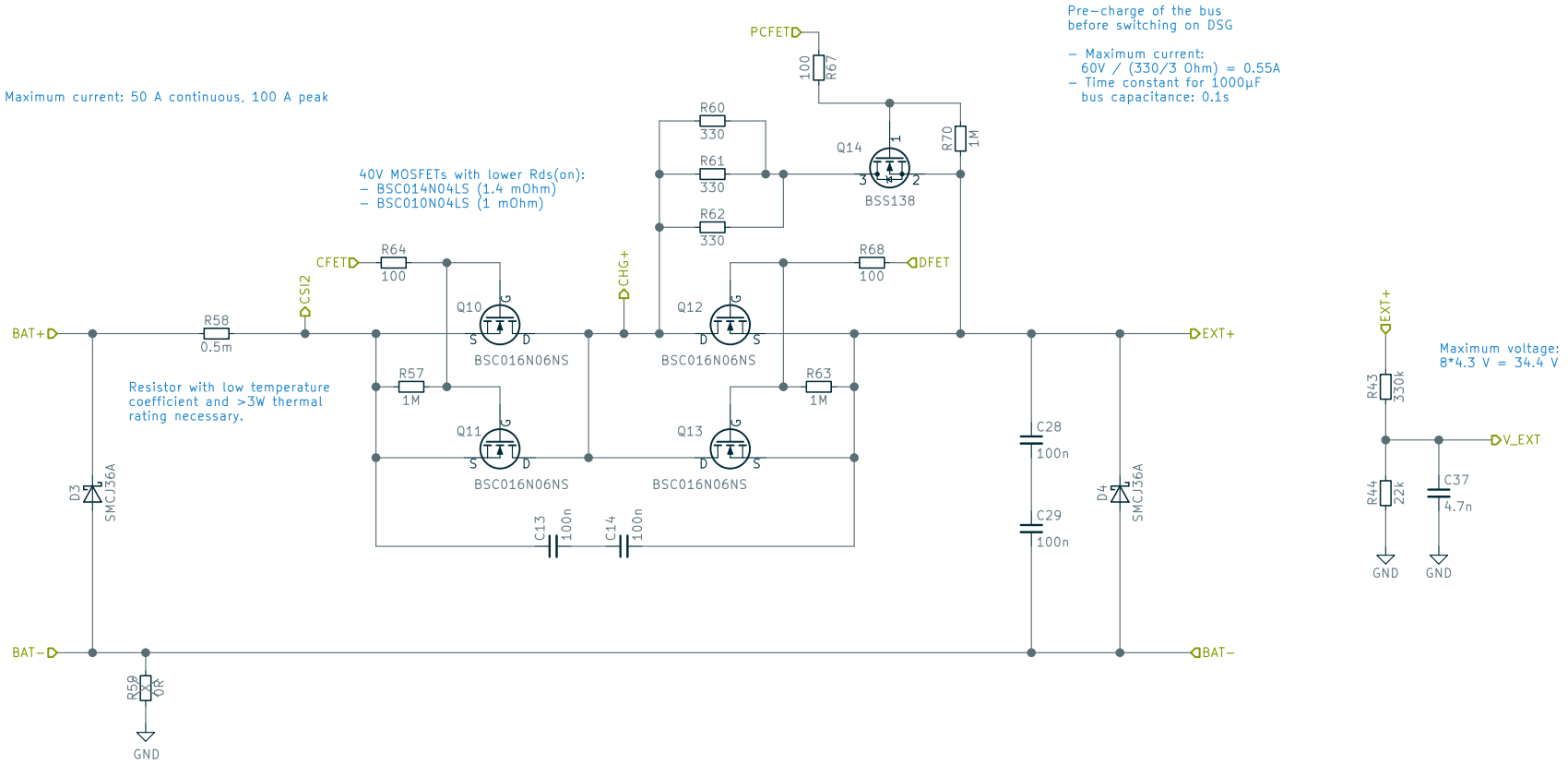

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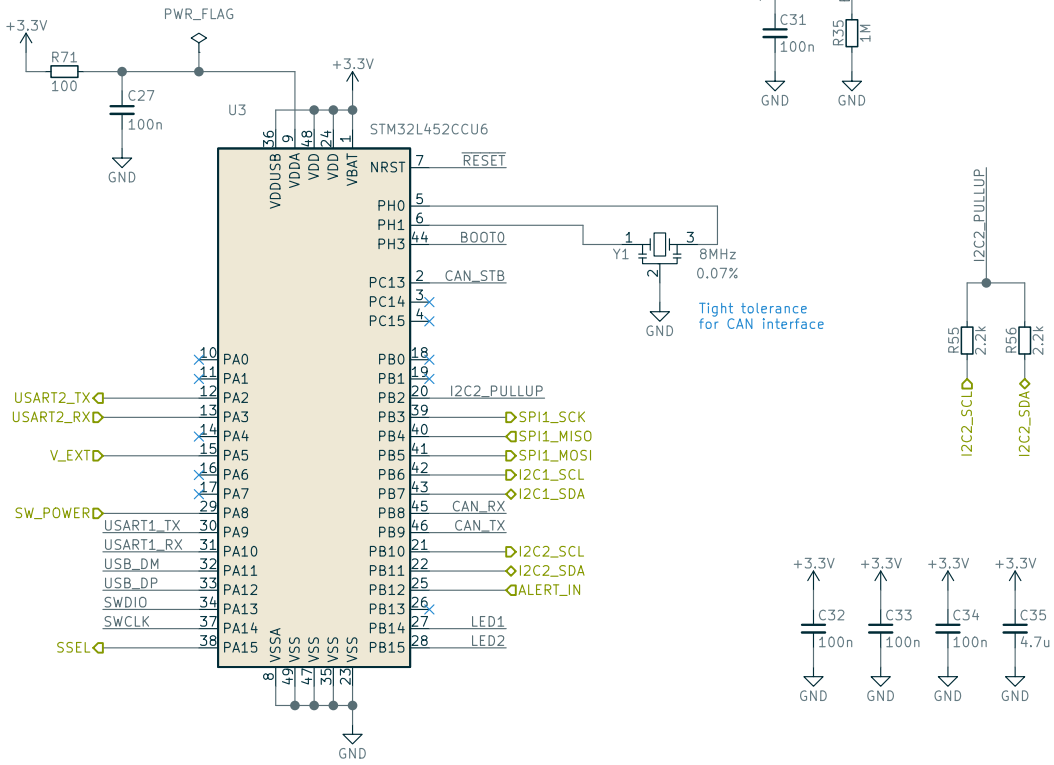
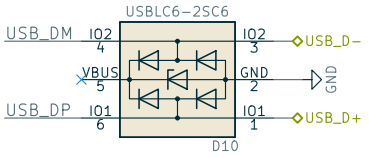
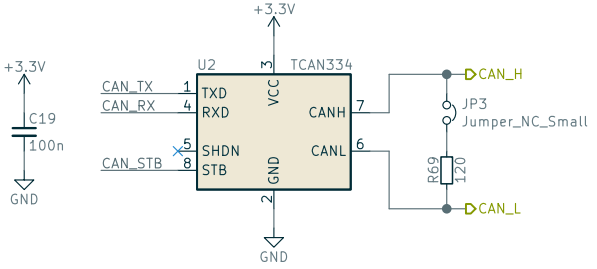
MCU STM32L452



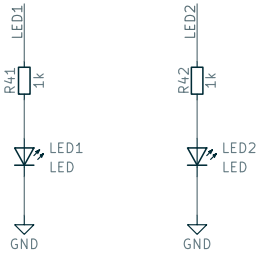
USB ESD protection



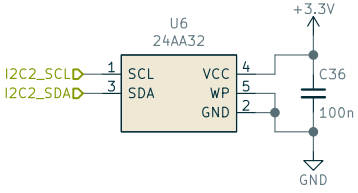
CAN transceiver



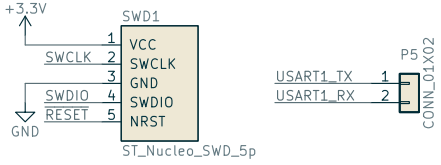
Status LEDs



EEPROM



STM Nucleo SWD and USART



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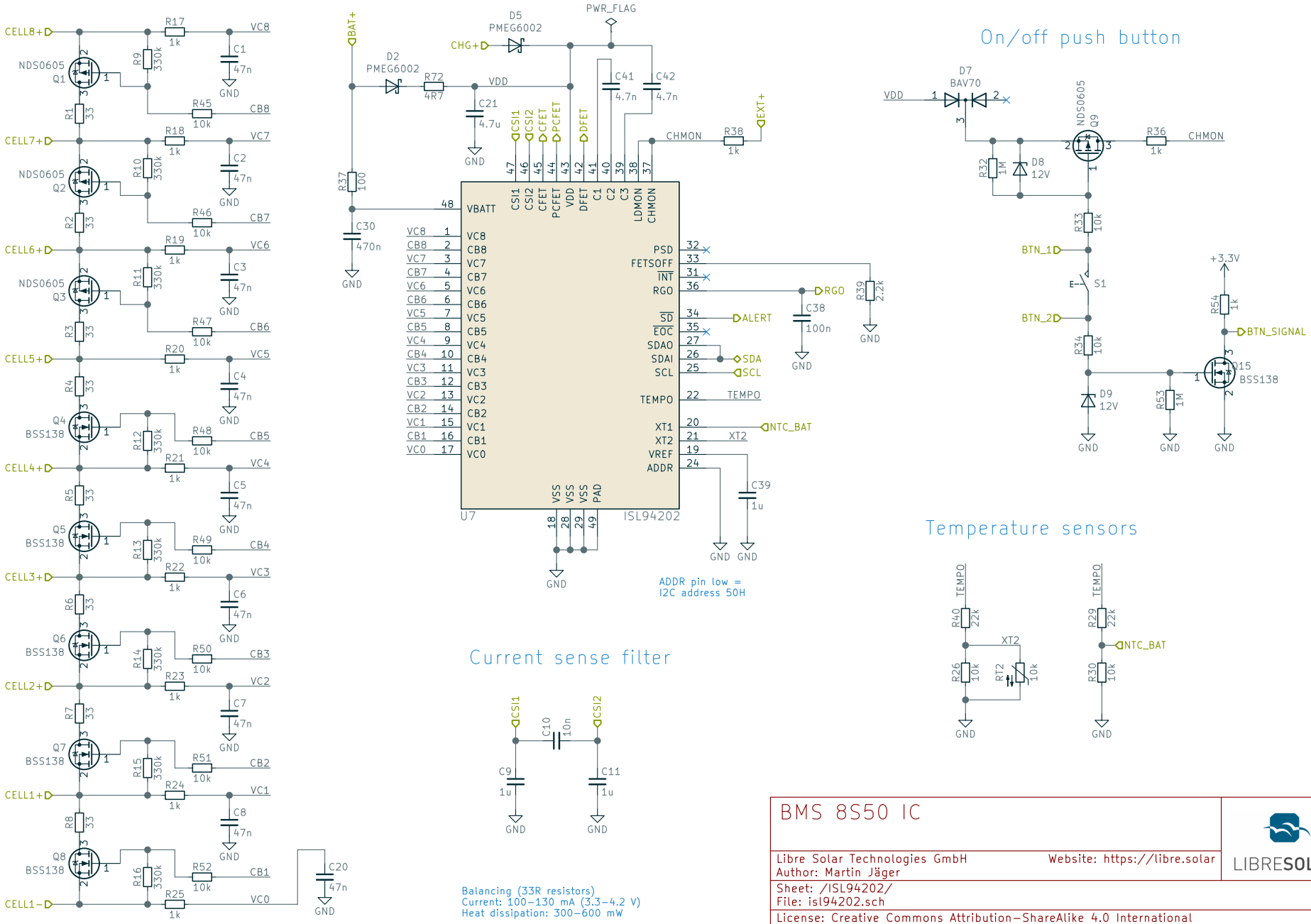

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