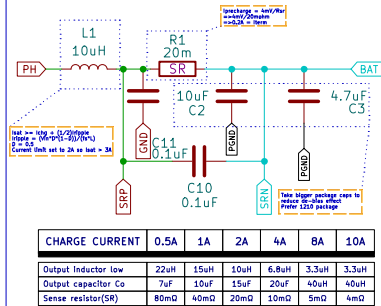
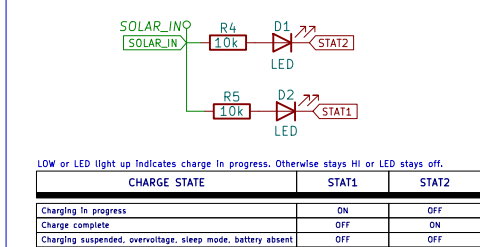


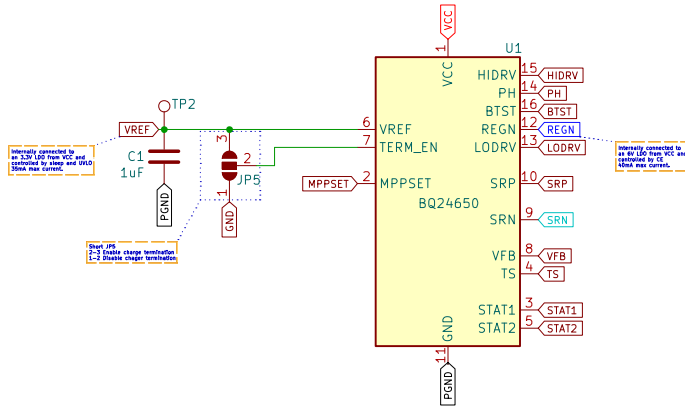
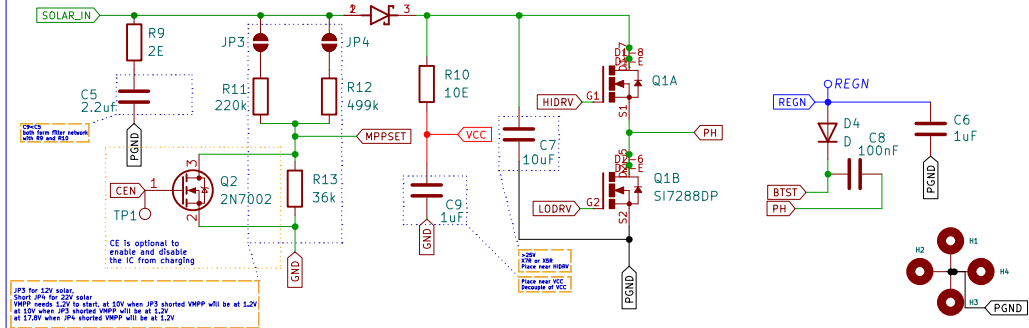
Current limiting resistor



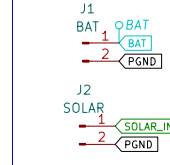
Charge status LED's



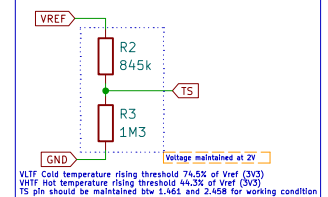
Power config



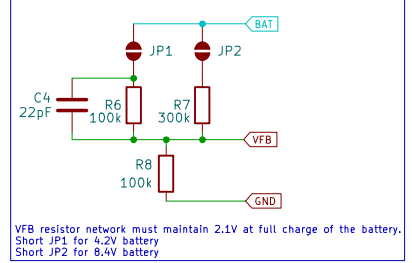
Connector



TS pin config



Battery Selection



Note:-

- Enable and Disable Charging**
- The following conditions have to be valid before charging is enabled:
- Charge is allowed (MPPSET > 175 mV)
 - Device is not in undervoltage lockout (UVLO 4V) mode and VCC is above the VCCLOW threshold
 - Device is not in SLEEP mode (that is, VCC > SRN)
 - VCC voltage is lower than AC overvoltage threshold (VCC < VACOV (30V))
 - 30-ns delay is complete after initial power-up
 - REGN or VREF LDO voltage is not valid
 - TSHUT IC temperature threshold is reached
 - TS fault is not detected
- One of the following conditions stops on-going charging:
- Charge is disabled (MPPSET < 75 mV)
 - Adapter is removed, causing the device to enter VCCLOW or SLEEP mode
 - Adapter voltage is less than 100 mV above battery
 - Adapter is over voltage
 - REGN or VREF LDO voltage is not valid
 - TSHUT IC temperature threshold is reached
 - TS voltage goes out of range indicating the battery temperature is too hot or too cold

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