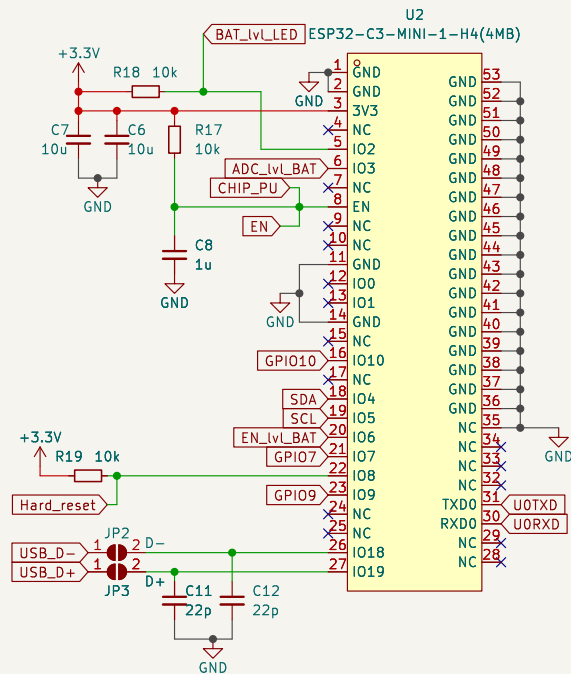
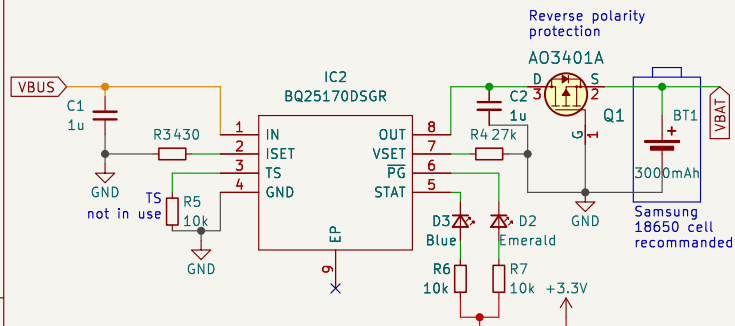


## Microcontroller



## BMS



BQ25170 Application for Li-Ion Charging at 800mA

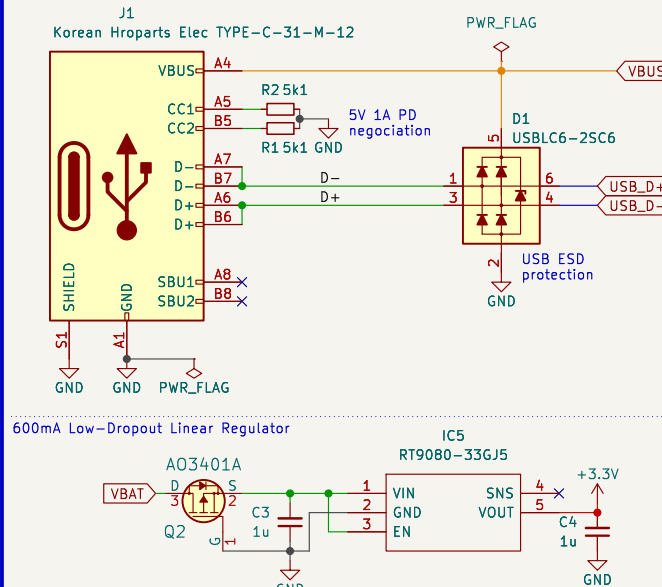
Design Requirements:

- Supply voltage = 5 V
- Battery is single-cell Li-Ion
- Fast charge current: ICHG = 800mA
- Charge Voltage: VREG = 4.2 V (Rreg 27kΩ)
- TS - Battery Temperature Sense = 10kΩ fixed resistor

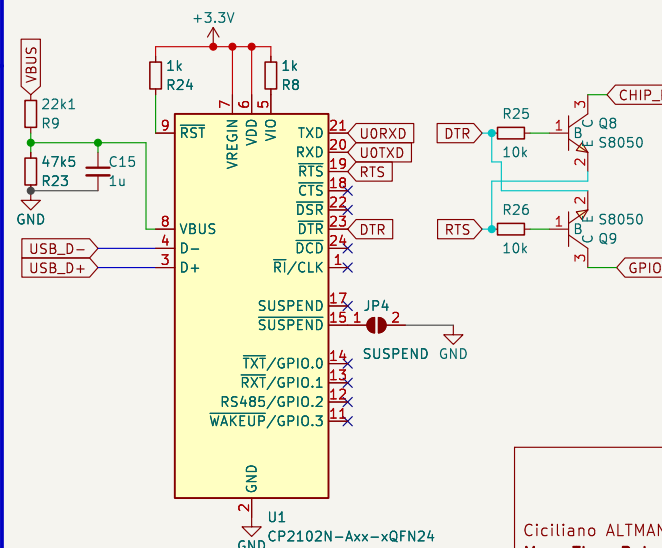
Detailed Design Procedure:

Selecting 430Ω resistor between ISET and GND, for an expected 730mA < ICHG < 800mA.

## Power



## USB to UART



## Measurement Units

