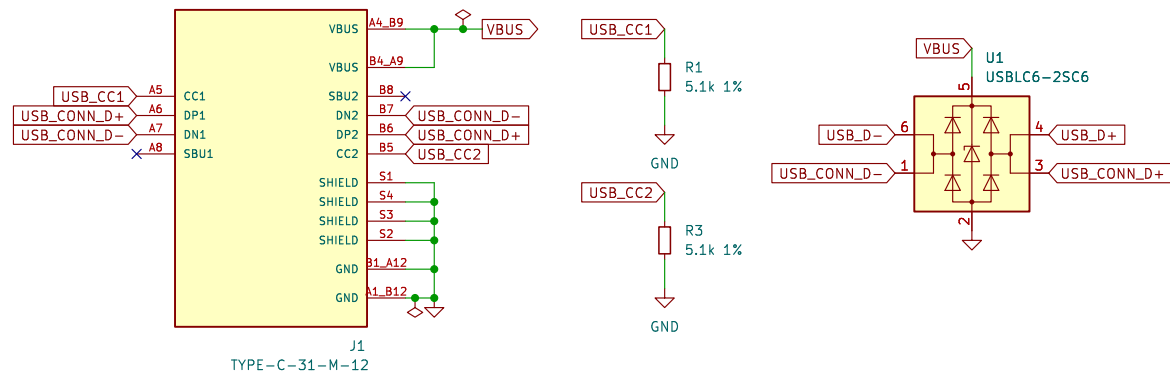
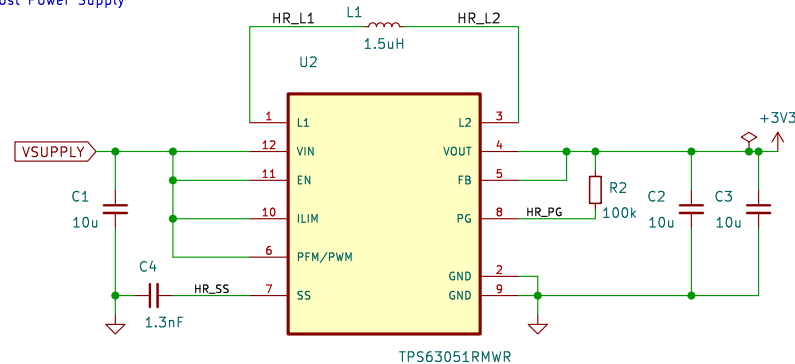


USB Power Input & ESD Protection

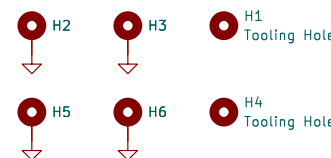


Buck-Boost Power Supply

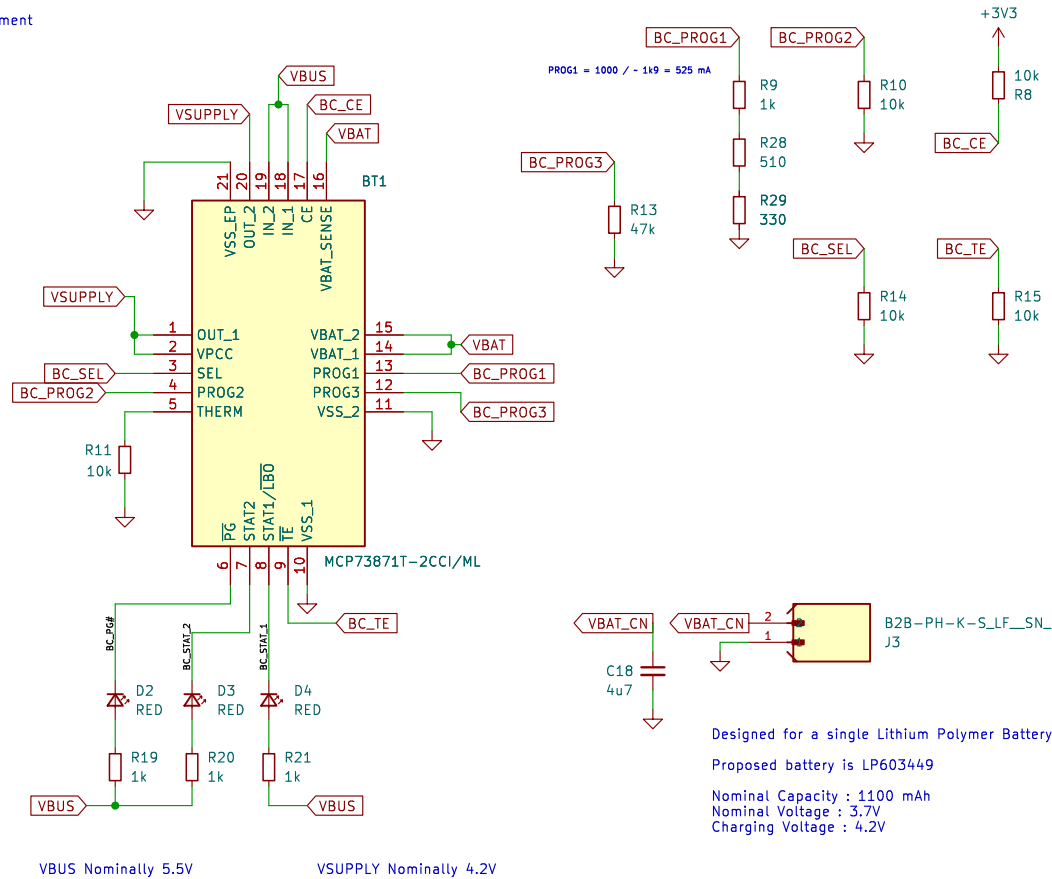


Input to the Buck-Boost regulator is from the Battery Mangement IC

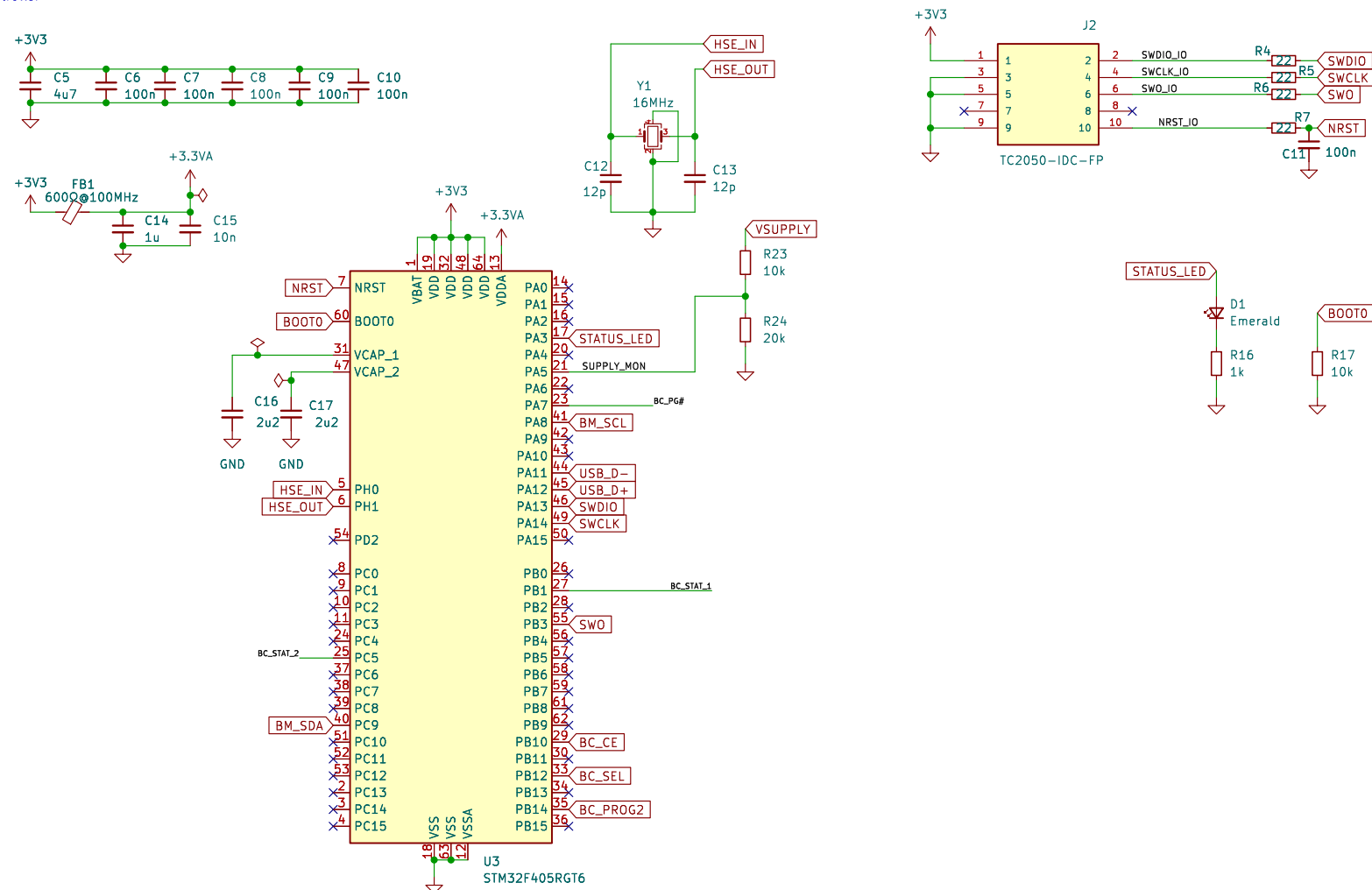
PCB Mounting & Tooling Holes



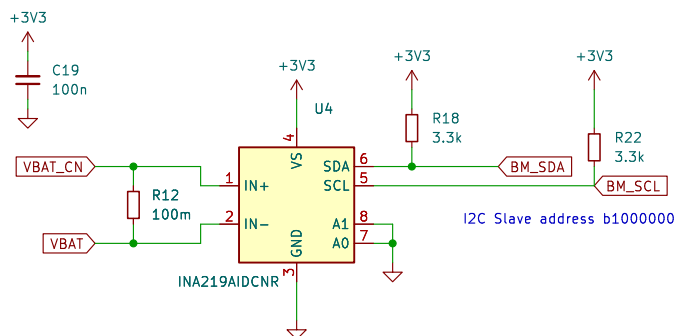
Battery Management



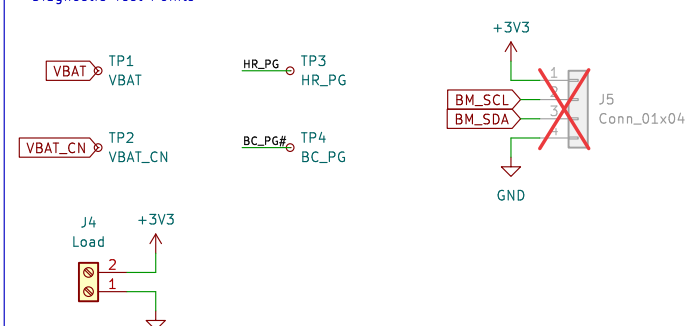
Microcontroller



Battery monitoring – Digital current sense amplifier



Diagnostic Test Points



Author : Martin Wilson

Respin to improve PCB

Sheet: /

File: STM32-USB-Battery.kicad_sch

Title: USB Battery Charger Prototype

Size: A3

Date: 2024-04-17

Rev: 0.1c

KiCad E.D.A. kicad 7.0.11-7.0.11-ubuntu22.04.1

Id: 1/1