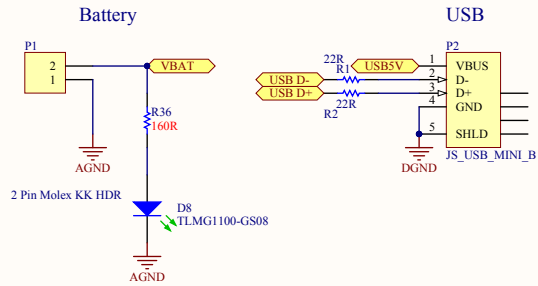
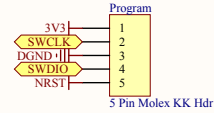


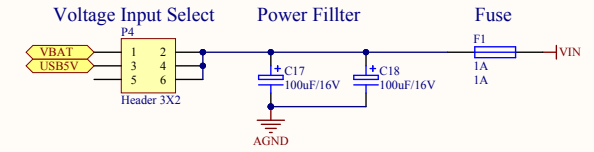
Headers and Connectors



SWD

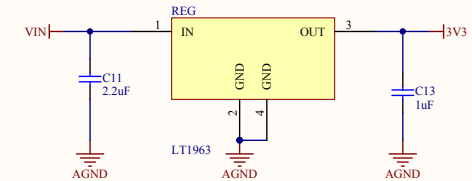


Filter and Regulator

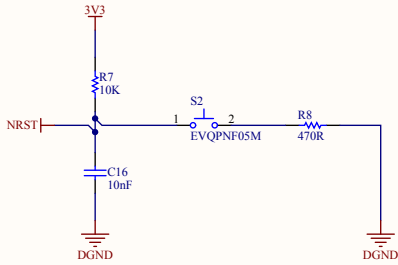


Recommended by the Datasheet.

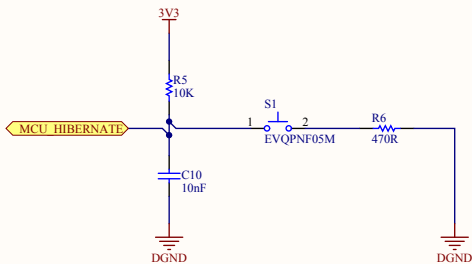
Vin to 3V3



Reset Button

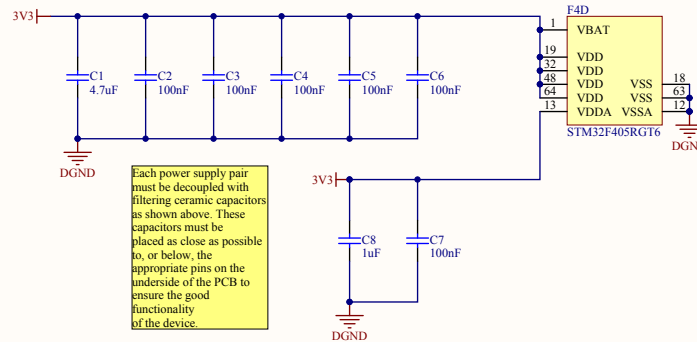


Soft On/Off Button



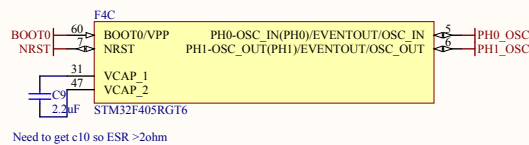
Each switch has a pullup resistor (ie R5), a current limiting resistor (ie R6) and a capacitor for debouncing. R6 is chosen to be a stronger pull-down than R5 so when the button is pushed it is pulled down.

MCU Power Pins

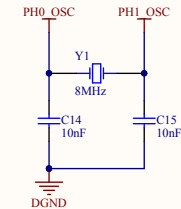


Each power supply pair must be decoupled with filtering ceramic capacitors as shown above. These capacitors must be placed as close as possible to, or below, the appropriate pins on the underside of the PCB to ensure the good functionality of the device.

MCU Boot, Reset, EXT Capacitor and Oscillator



Oscillator



Recommended by the Datasheet.

Boot Select

