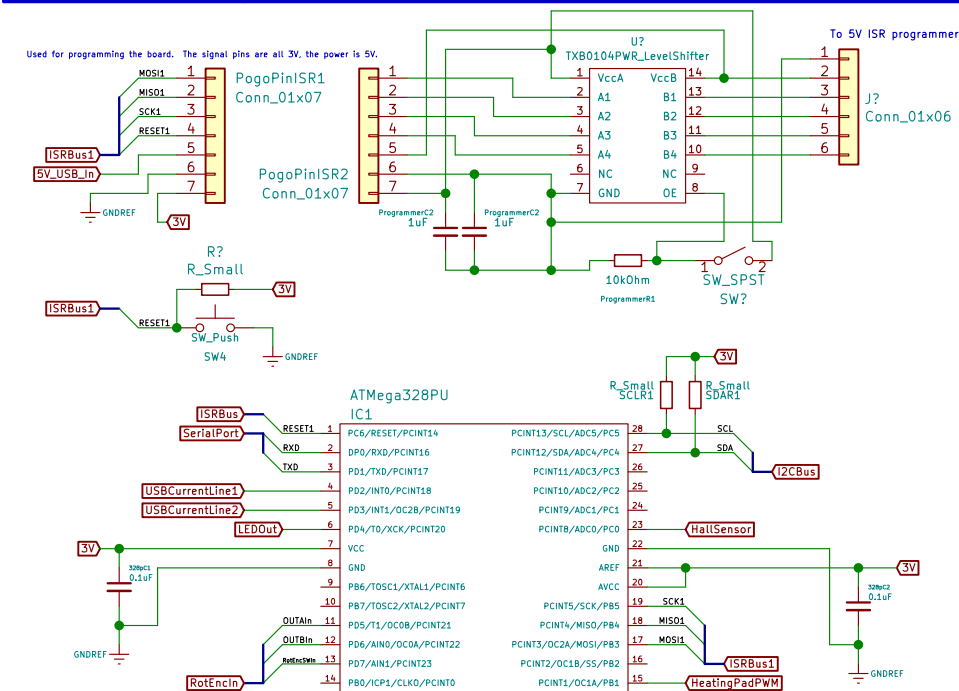
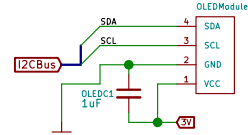


Main Controller

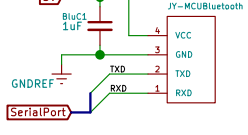


Peripherals and Daughter Boards

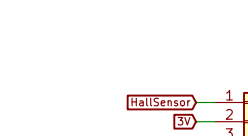
OLED display used for board debugging. OLEDModule



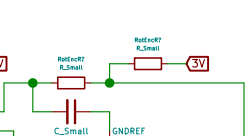
J7-MCUBluetooth



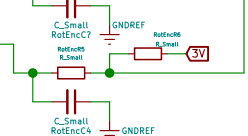
HallSensor



J7 Conn_01x04



J7 Conn_01x06

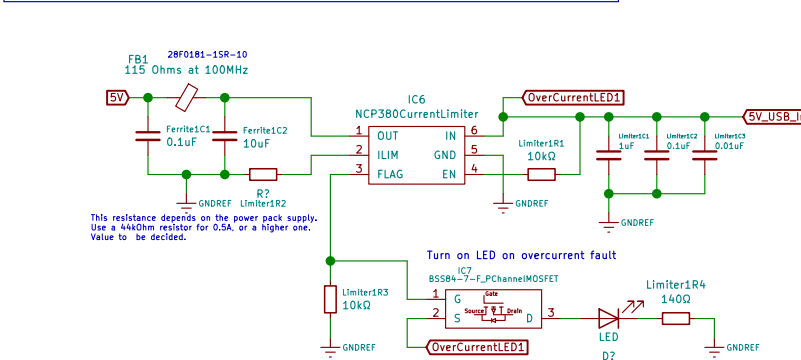


Note: Debounce circuit not finalized, may be changed.

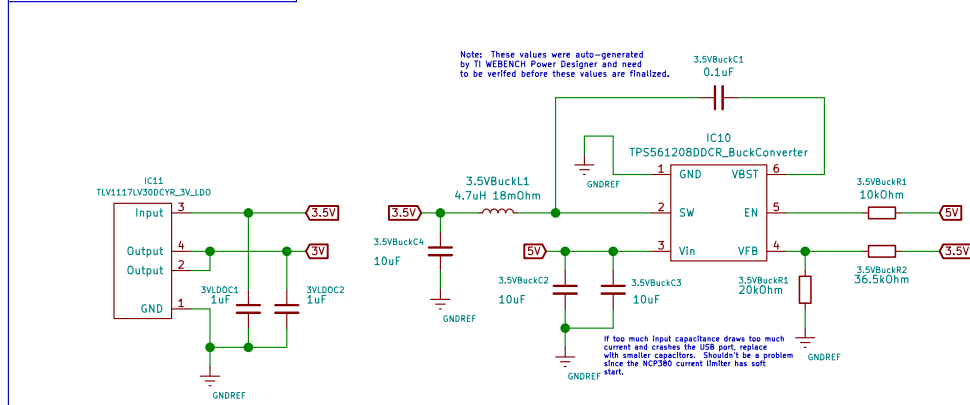
Note: pushbutton still needs to be tested.

Heating Control and Power Regulation

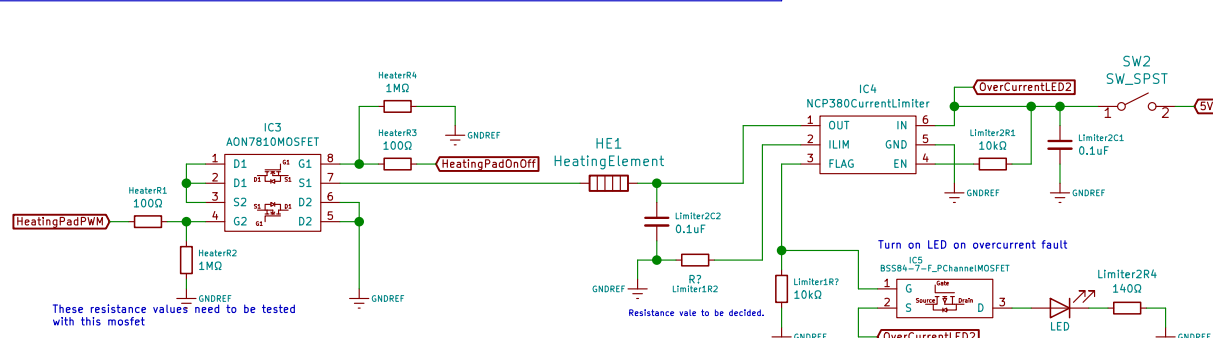
Current and Inrush Limiting and Filtering



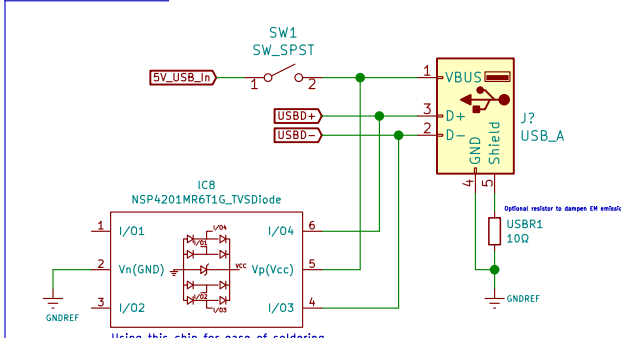
Voltage Regulation



Heating Pad Control and Redundant Current Limiting



USB Input



Enumeration IC

