

The following changes were made to the Safmet_P3.0.2 pcb:

Q2 mosfet placed between battery and circuit.

Resistors value replaced -r13(4.7k), r20(1.5k), and r37(1.5k).

led added(LED,PC1/ADC1) for low battery status.

Touch 3pin connector added(1-GND,2-TX(touch data pin,I/O),3-T_PWR(touch supply pin,VCC))

At USB Connector TX and T_PWR pin using for touch data and supply pin respectively.

At atmega328p ic pin PC3(ADC3)using for T_PWR.

Tilt sensor removed from schematic because for low battery led we required one gpio pin.

Q1 FDN360P MOSFET added across TPS (due to unavailability of TPS we can use this mosfet.