**Hardware changes in Version 1.0**

1. Reverse the OPAMP Inverting circuit. Cut Off wiring between the HT\_ISNS and PA6, and then re-wire to PA5.

Diagram, schematic

Description automatically generated

1. For charging status purpose – detect the presence of the 5V. As PA6 is unused, wire the 5V to the PA6.

Diagram, schematic

Description automatically generated

1. R27 (50mR) in actual board is 0.01R.

Diagram, schematic

Description automatically generated

1. R5, R7, R8, R9 do not populate in actual board.
2. Should change R28 (2K) To 10K. (advise)

Diagram, schematic

Description automatically generated