1. Schematic:

Diagram, schematic

Description automatically generated

1. A picture containing text, indoor

   Description automatically generatedTraced waveform at TP5:

A picture containing text, indoor

Description automatically generated

1. Input source is 3.6V non rechargeable Battery.
2. C7 is open.
3. After C1 one more cap of 470uF tantalum cap is also there in parallel with C1.
4. On boost mode, maximum current consumption is 150mA
5. In Bypass mode, maximum current consumption is 115uA
6. During switching ON, converter first goes in boost mode for approx. 1 minute after it works in bypass mode.