



Top view



Bottom view

- 1 - Please apply the input voltage between VIN-GND. The input voltage range of IC is 16V to 60V.
- 2 - When the input LC filter is needed, please apply the input voltage between BAT+-BAT- with LC filter.
- 3 - Output of the Buck converter.
For this board output voltage is set to 5.0V with external feedback network.
Maximum current capability is 1A peak.
- 4 - Enabling or disabling(REN).
EN pin is pulled up to VIN voltage with REN. When you control EN pin from external, remove REN and supply from EN pin.
When the EN pin is OPEN, the EN pin is pulled down by internal resistor and the BD9V100MUF-C is disabled.
When the EN pin is supplied by external signal with more than 2.5V, the BD9V100MUF -C is enabled.
However, do not exceed the input voltage of IC or the absolute maximum rating on this pin.