VBAT, CC, VBUS are ADC pins
INACT falling edge trigger interrupt and awake MCU
VCOM, EN, VCUR are logic output pins

4.80V

D+ and D- are short at
IOUT lower than 50mA

TPS2514 is turned off at
IOUT lower than 50mA

Current limit values are 1A or 3.2A.

VBUS increase 100mV at IOUT> 1.6A

IOUT lower than 50mA

D+ and D- are short at
IOUT lower than 50mA

LEDs indicate the battery state of charge.

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Engineer: Jasper Li

Rev: A

Sheet: 1

Project Title: Power Bank Reference Design Using TPS61236

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