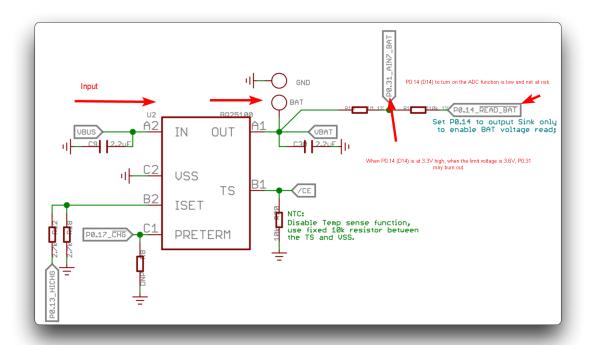
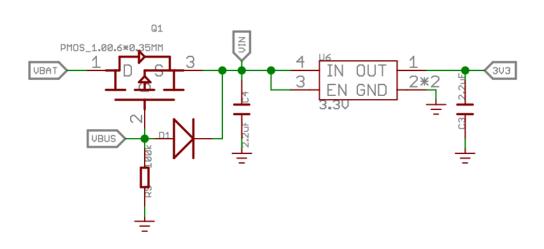
Battery management

BQ25100

- Can charge 1 cell Li-Ion/LiPo battery with battery charge voltage (Max) of 4.2V
 - P0.14_~READ_BAT must be set low if simultaneously charging and reading voltage of battery or else analog pin could burn out
- Supports 50 mA charging current (P0.13_HICHG high) or 100 mA charging current (P0.13_HICHG low)
- LDO uses VBUS (USB-C) as input if connected, otherwise uses VBAT as input





SENSOR_HUB ¥CC Range≥ 1.71 - 3,63V ₽ULSE_DXIDMETER_HEARTRATE_SENSORS MICROCONTROLLER PULL_UP_RESISITORS VCC Ranges 1,7 - 2,8V VCC RED and IR LEDs 3,1-5,9V &CC GREEN LEDs 4,5 - 5,5V VDD OSC_OUT 11 32,768kHz PA02_A0_D0 5V VCORE PA4_A1_D1 GND OSC_IN SNSR_SDA PA10_A2_D2 3V3 SNSR_SCL SLAVE_SDA PA11_A3_D3 #A5_A10_D10_WOSI P9"2 SL4VE_SCL VDD_LED_SDA PA5_A9_D9_WISO PA8_A4_D4_SDA RST PA9_A5_D5_SCL PA7_A8_D8_SCK WEIG 7 PB08_A5_D5_TX ACCEL_INT GND NC PB09_A7_D7_RX 8 HR_INT MAX30101EFD 12C Road Address; 8xAA 12C Write Address; 8xAB GND GND MAX32664GWEA #2E Address; Bx55 3.BV 1.81 DC_DC_CONVERTOR YOLTAGE_REGULATOR LI⁺ 2,2μ4 BSS138 IN OUT LX EN + OUT 313V 1.8UF R3 **-₩**₩ 758 K 118uFı GNDNC FB GND EN AGND PGND PAM2401 BSS138 GND GNDGND