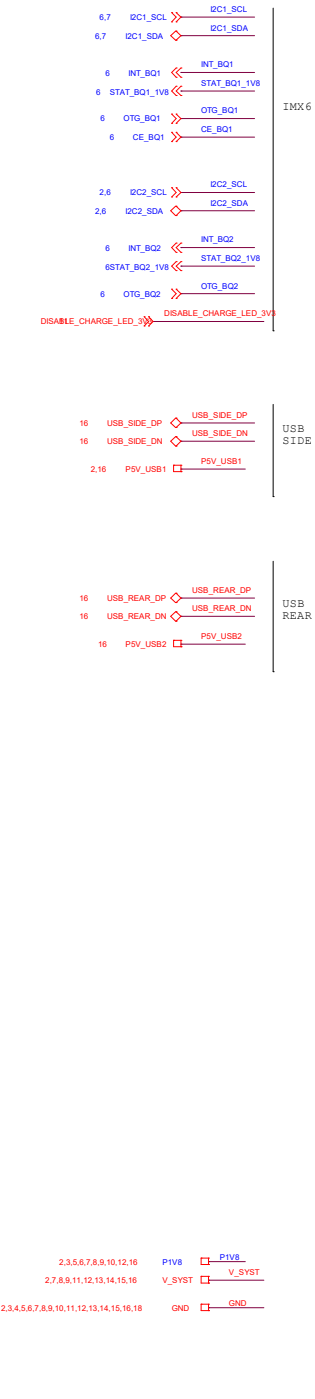
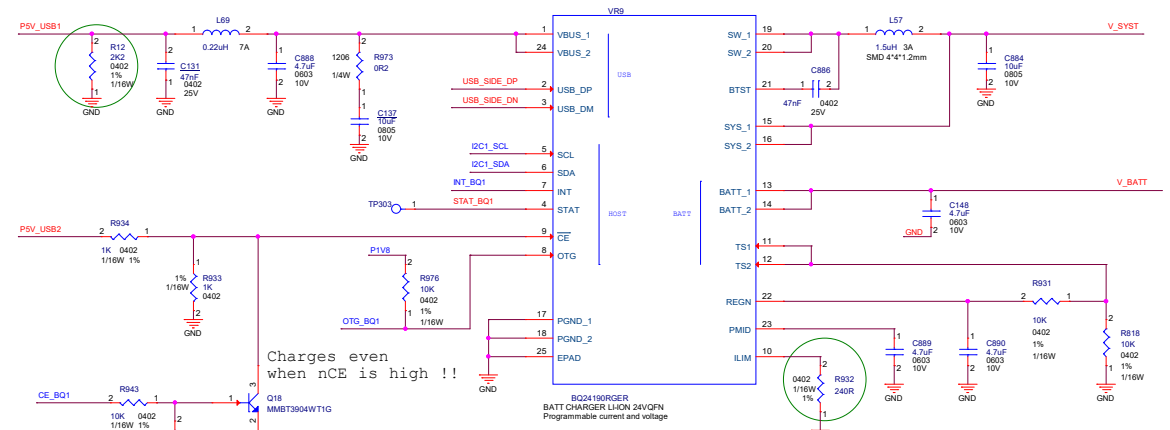


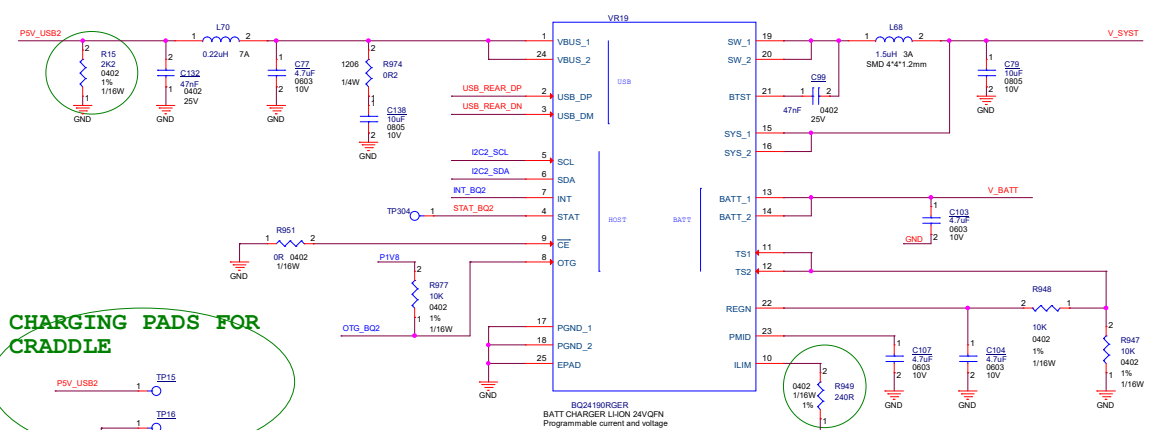


BATTERY CHARGER USB SIDE/
OTG 5V BOOST



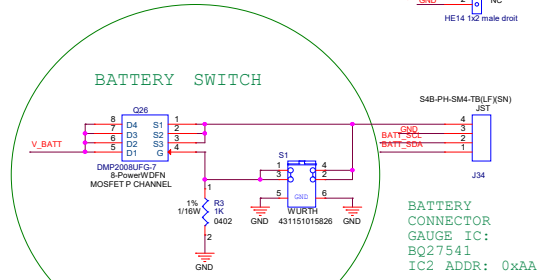
I2C Address = 0x6B

BATTERY CHARGER USB REAR/
OTG 5V BOOST



I2C Address = 0x6B

- * USB SIDE IS EITHER A HOST, A DEVICE OR A POWER SUPPLY
- * INPUT CURRENT LIMIT FROM USB 2.2A max (ILIM pin)
- * DIFFERENT INPUT CURRENT WEATHER CHARGER OR HOST IS DETECTED (USB DP, USB DM pins)
- * POSSIBILITY TO GENERATE 5V ON P5V_USB1 (Software)
- * CHARGER DISABLED WHEN P5V_USB2 PRESENT, UNLESS CE1 BQ DRIVEN HIGH (Software)
- * IF USB REAR IS HOST, SOFTWARE CAN ENABLE CHARGING FROM USB SIDE
- * NO TEMPERATURE SENSE
- * WHEN NO SOFTWARE (DEFAULT VALUE):
 - CHARGING CURRENT WHEN HOST: 500 mA
 - CHARGING CURRENT WHEN POWER SUPPLY: 2A



- * USB REAR IS EITHER A HOST OR A POWER SUPPLY
- * POSSIBILITY TO GENERATE 5V ON P5V_USB1 (Software)
- * NO TEMPERATURE SENSE
- * WHEN NO SOFTWARE (DEFAULT VALUE):
 - > CHARGING CURRENT WHEN POWER SUPPLY 1.5A
 - > CHARGING VOLTAGE: 4.2V
- * CHARGING CURRENT AND CHARGING VOLTAGE NOT PRGRAMMABLE

IT IS ASSUMED THAT REAR USB IS
* EITHER A CHARGER
* EITHER CONNECTED TO A USB DEVICE

