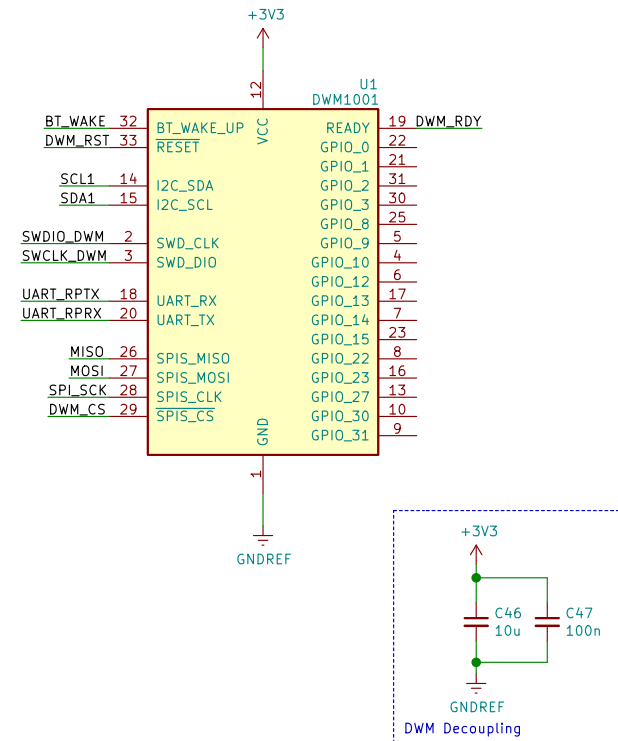
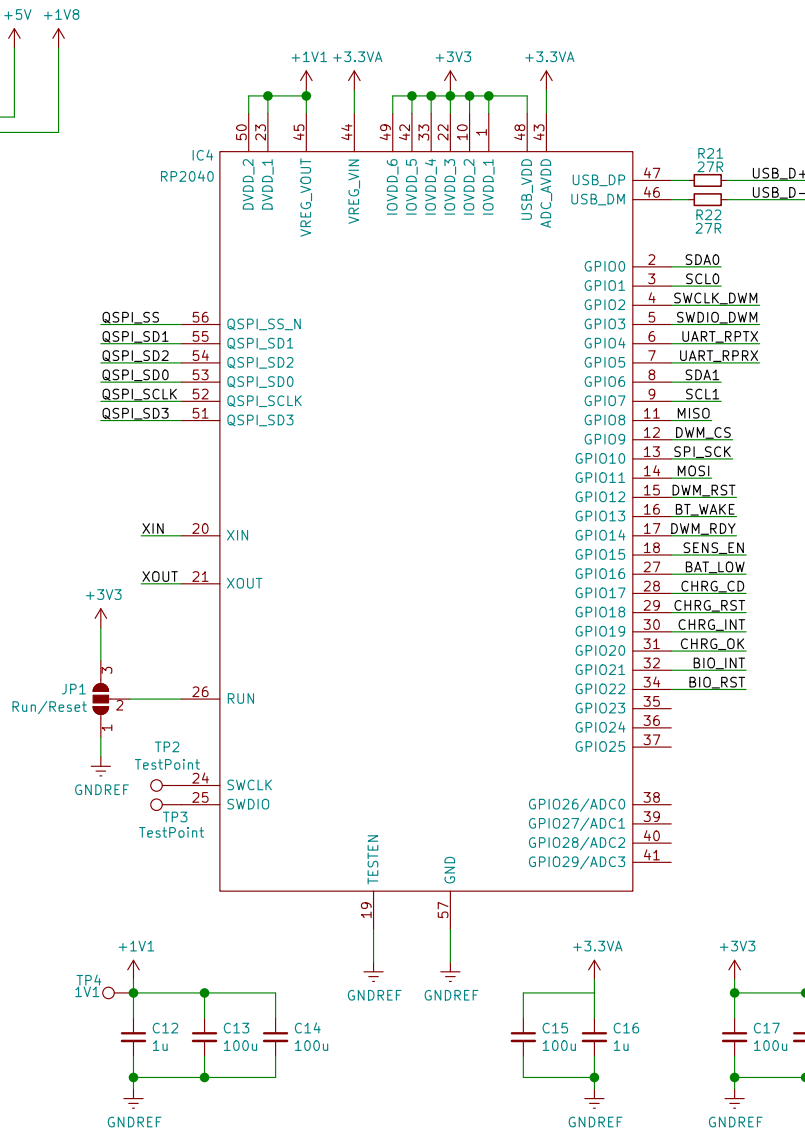


System can technically support 20V in through USB but is not recommended
 RUN pin on RP2040 acts as RESET
 All QSPI track length should be kept to a minimum
 I2C 0 line is controlled by DWM1001, can be used to read internal accelerometer
 JP1 - 12 -> Reset; 23 -> RUN



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Sheet: /

File: wearable.sch

Title: IDPS

Size: A4

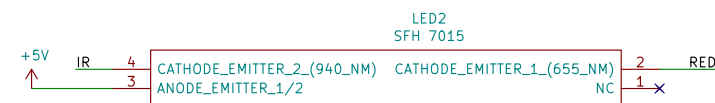
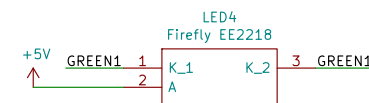
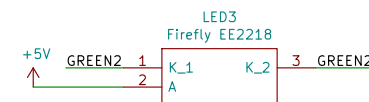
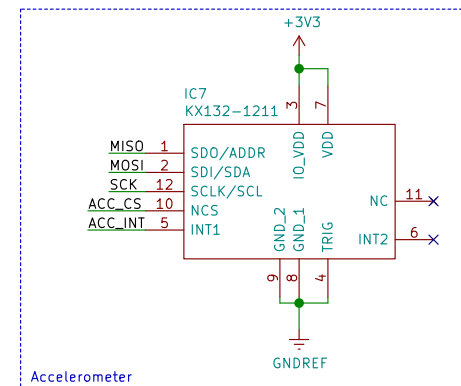
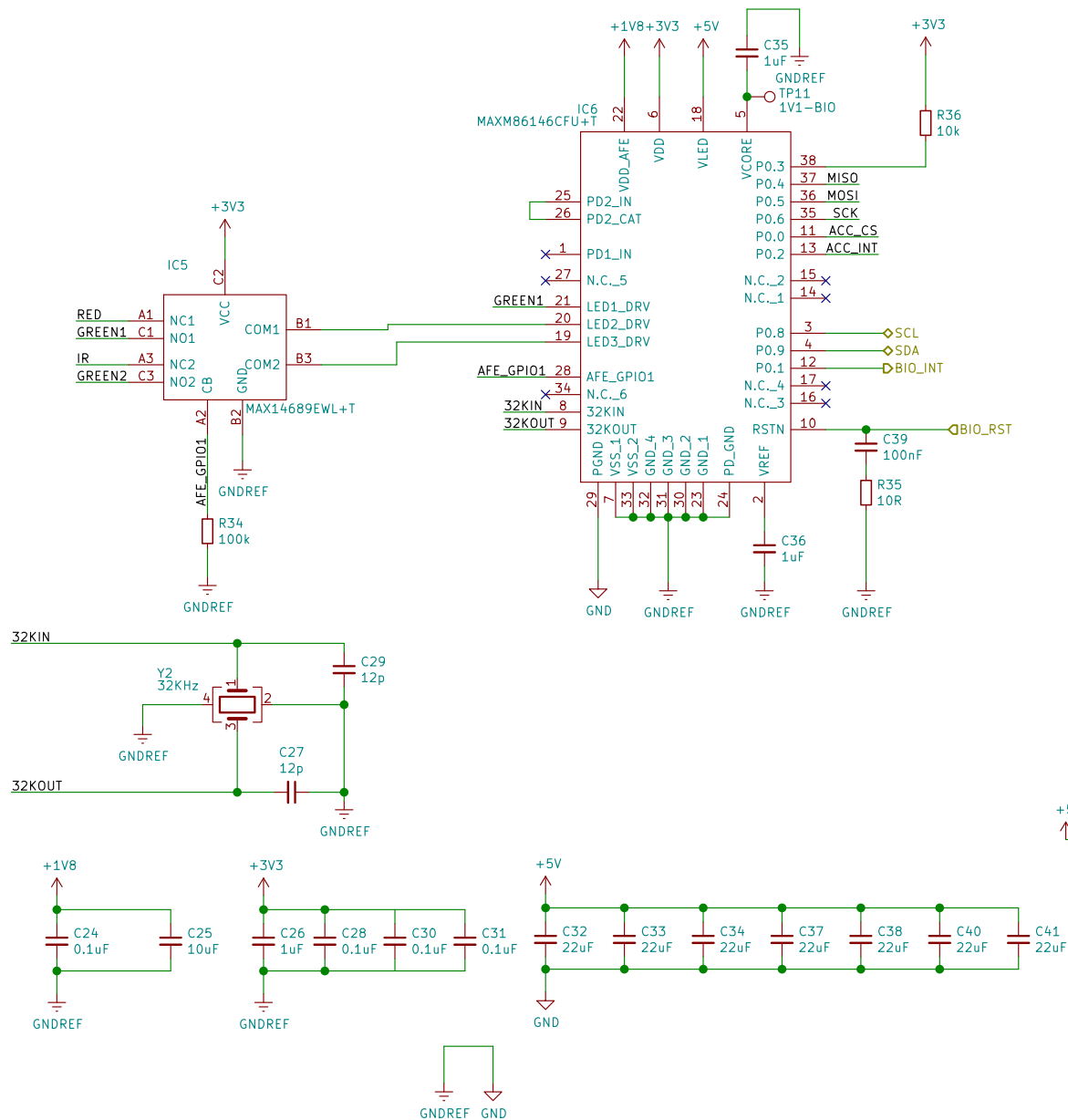
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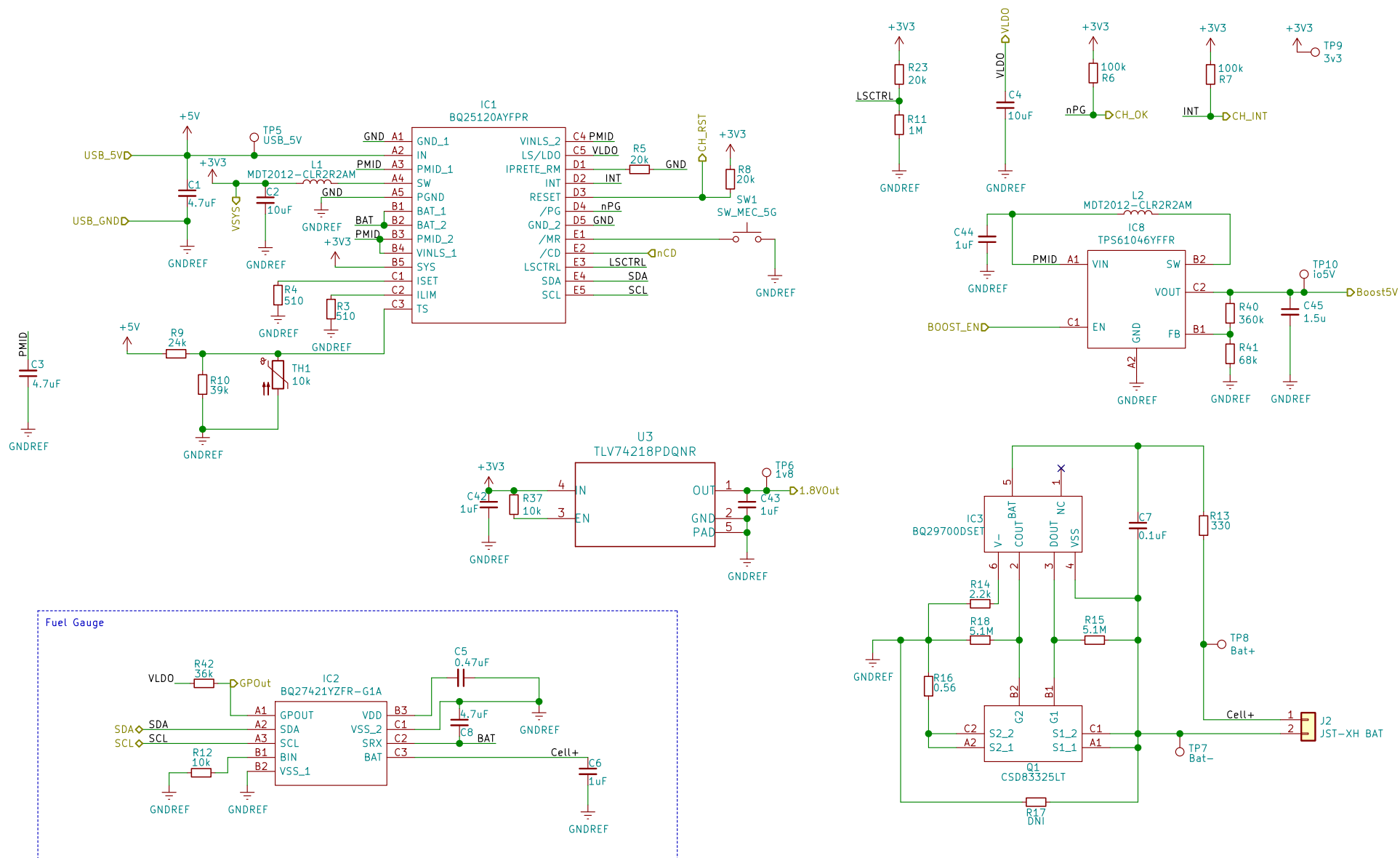
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Id: 1/3







R3 Sets input current limit to 0.39A
Can be overriten via i2c
R4 sets fast charging current to 0.26 A
Can be overriten via i2c
R5 sets termination current to 3%
Can be overriten via i2c
R9 & R10 allow charging between 0 and 45 °C
BIN is for battery insertion detection, will not be used

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Sheet: /Power/
File: Power.sch

Title: Power+BMS

Size: A4 Date: 2021-11-11
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Rev: v1.0
Id: 3/3