

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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EUSS

Sheet: /

File: wearable.sch

Title: IDPS

Size: A4

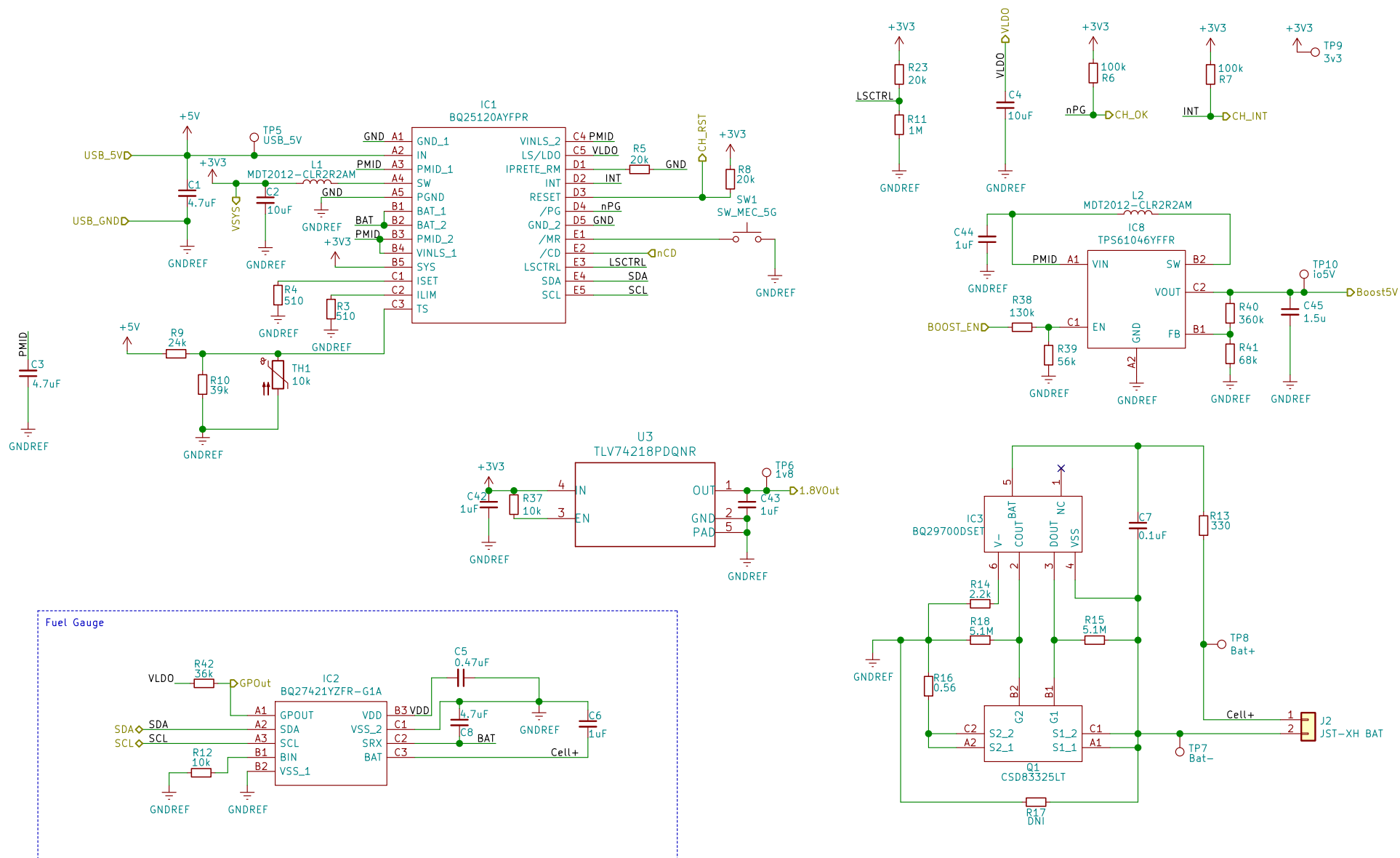
Date: 2021-11-11

Rev: v1.0

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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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**EUSS**

Sheet: /Power/

File: Power.sch

**Title: Power+BMS**

Size: A4

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Rev: v1.0

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Id: 3/3