Pulse Oximeter

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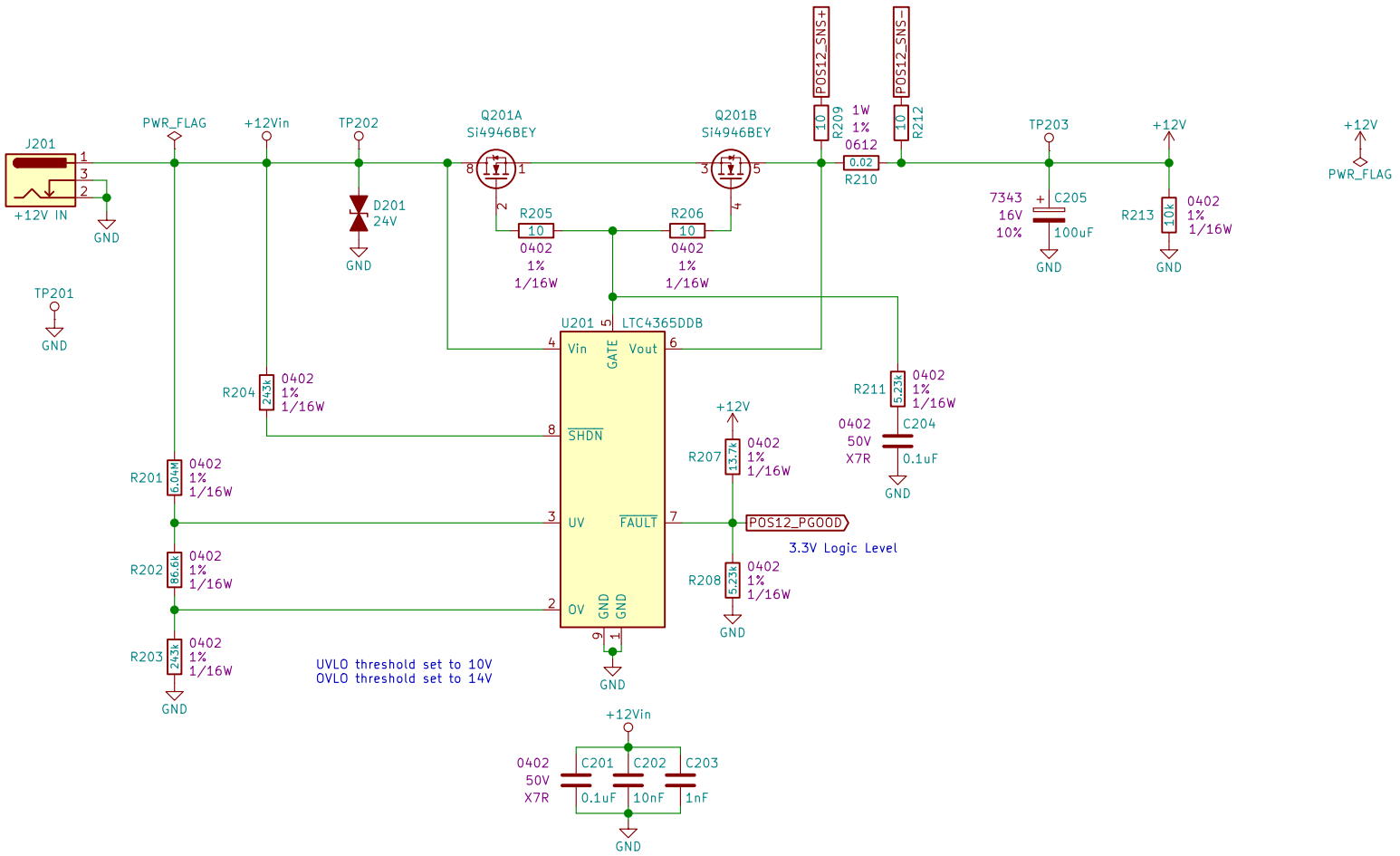
Sheet: /
File: Pulse_Oximeter.sch

Title: Pulse Oximeter

Size: A	Date: 2020-08-01	**Rev: A**
KiCad E.D.A. kicad (5.1.4)-1		Id: 1/21



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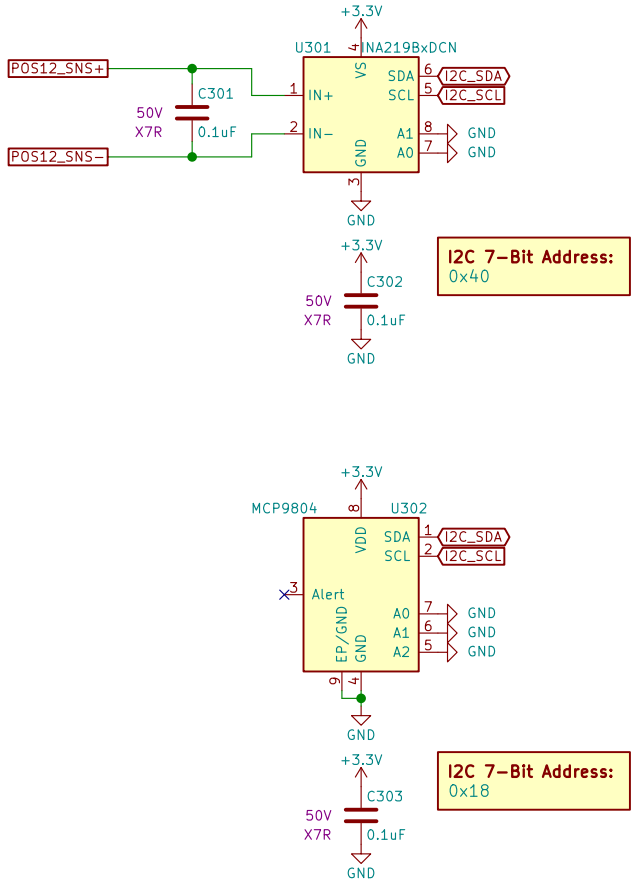

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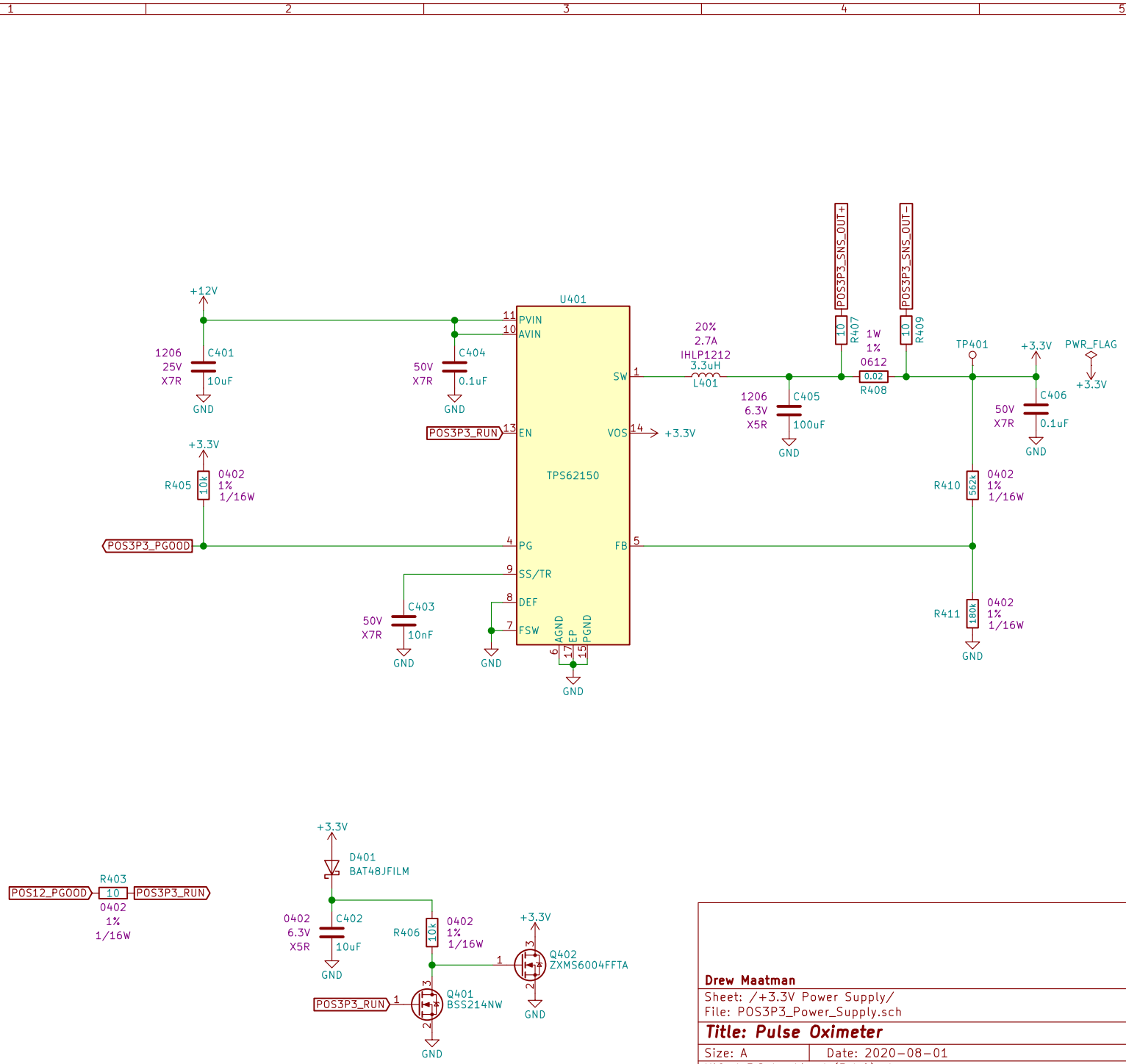

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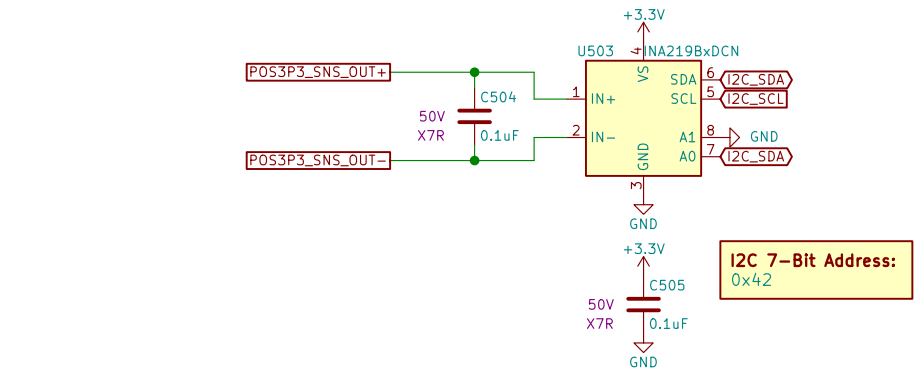
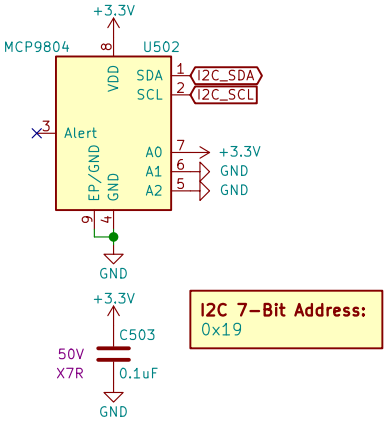
KiCad E.D.A. kicad (5.1.4)-1	Id: 4/21

Rev: A





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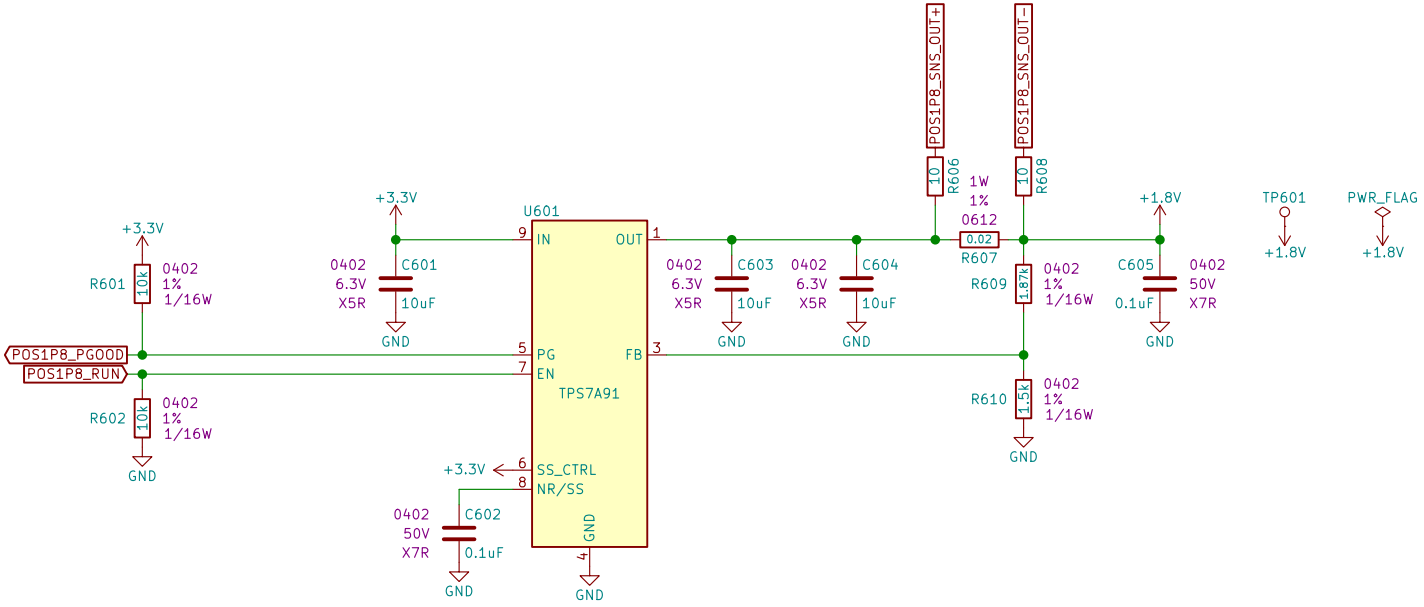

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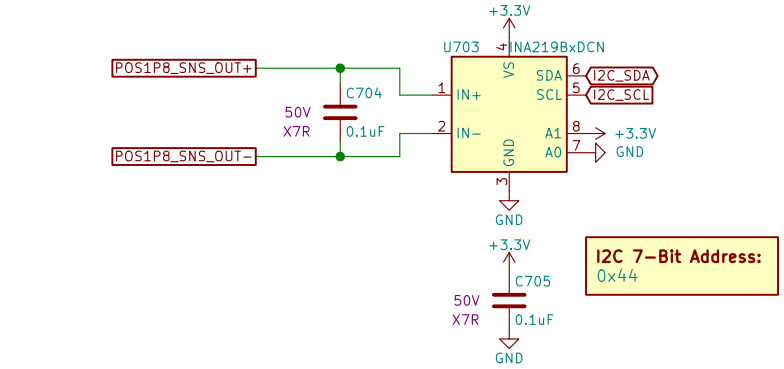

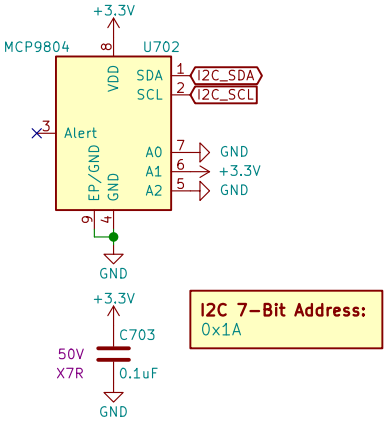

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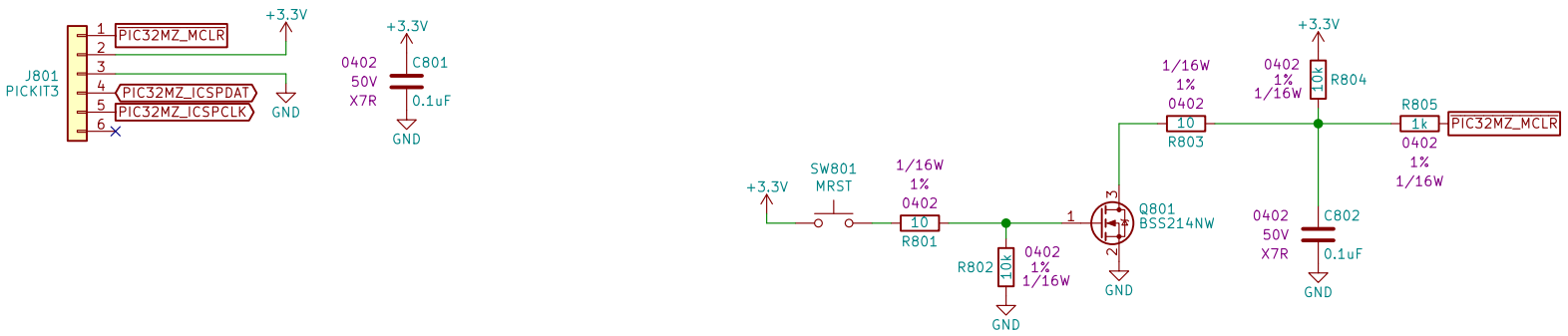

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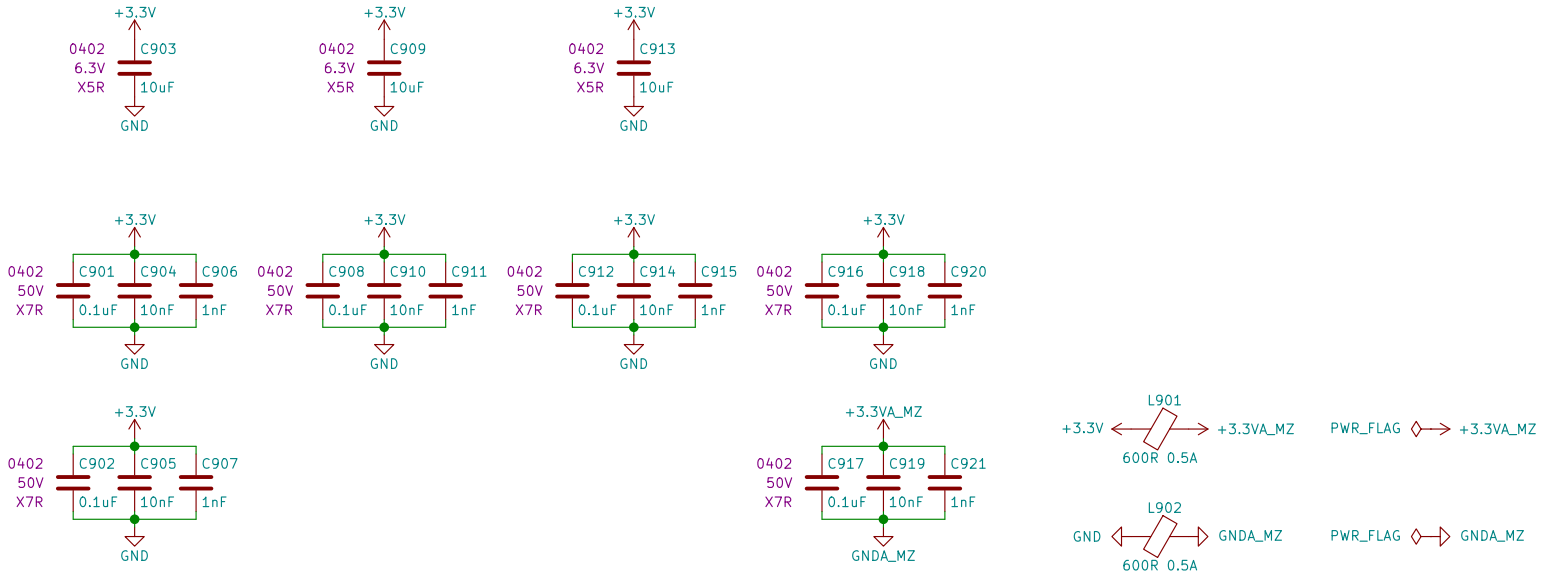
Size: A	Date: 2020-08-01	**Rev: A**
KiCad E.D.A. kicad (5.1.4)-1		Id: 8/21



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Size: A	Date: 2020-08-01	**Rev: A**
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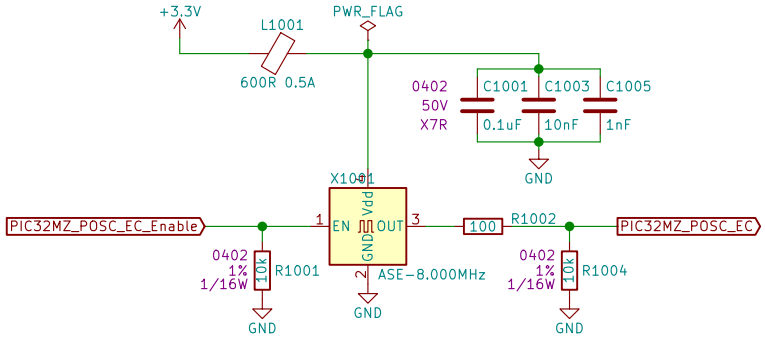

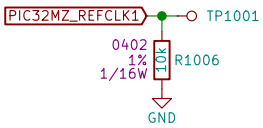

Drew Maatman		
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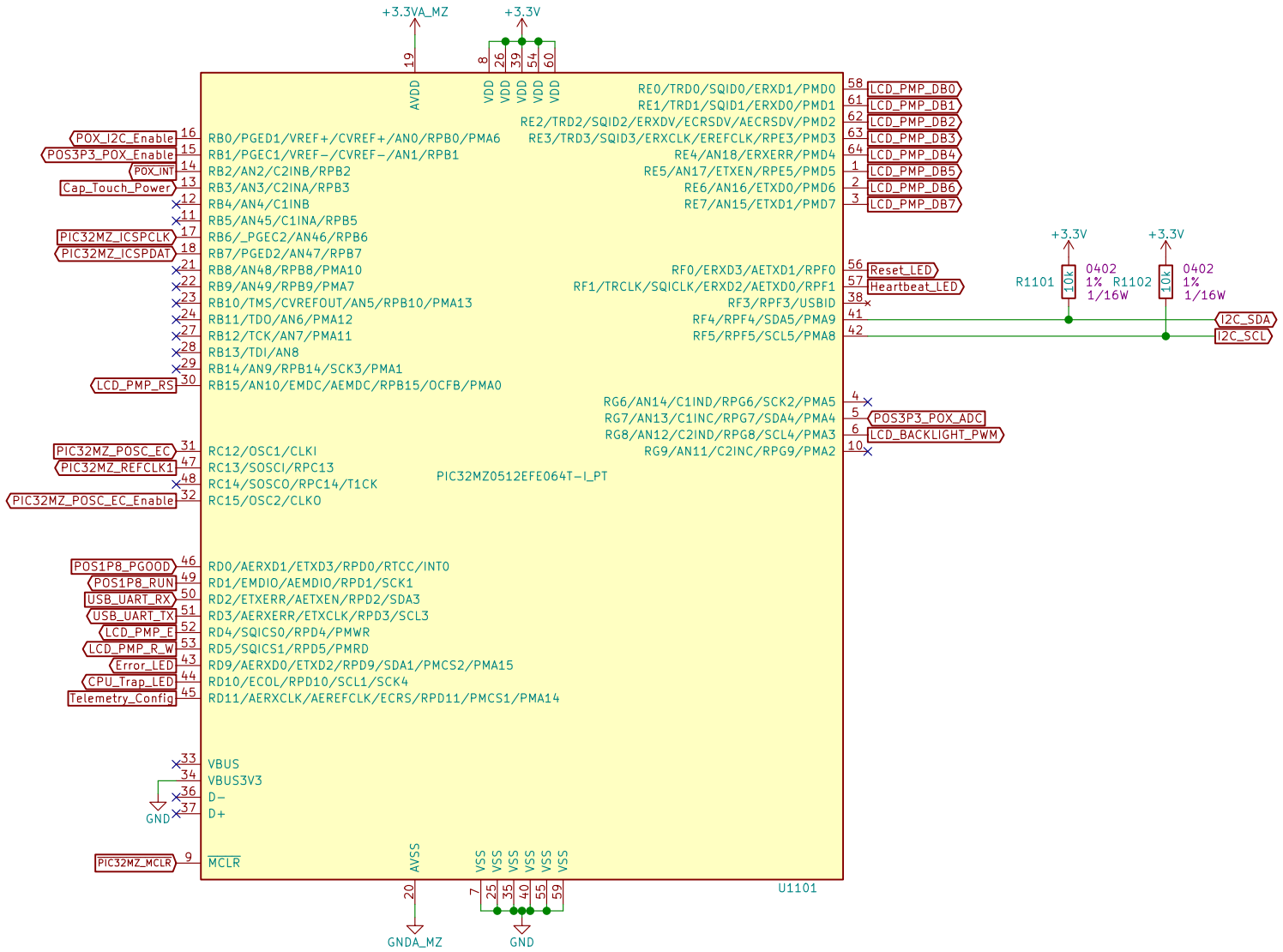

Drew Maatman		
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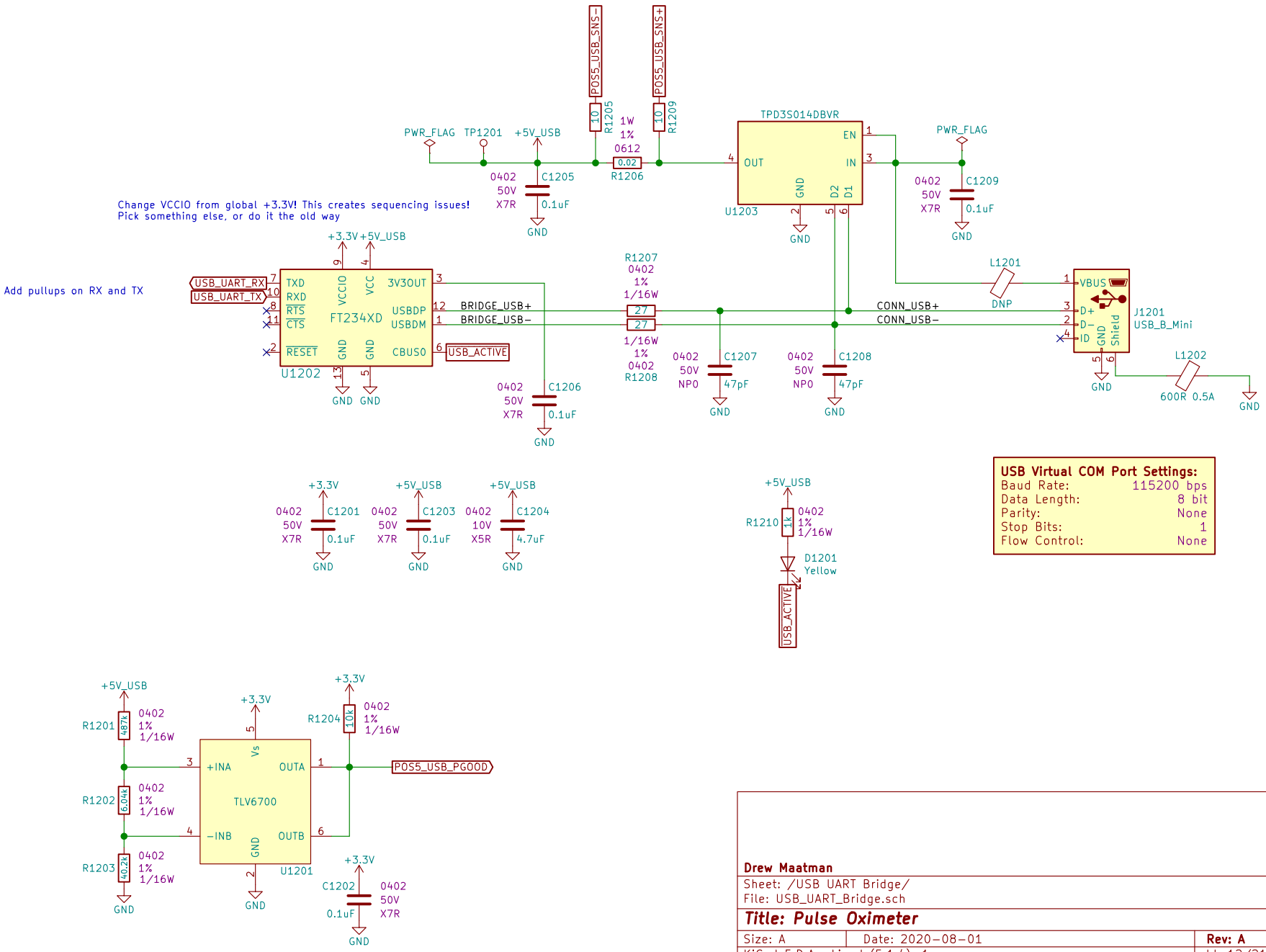
Title: Pulse Oximeter		
Size: A	Date: 2020-08-01	**Rev: A**
KiCad E.D.A. kicad (5.1.4)-1		Id: 11/21

ECO: Run a modwire from +3.3V to +5V_USB somewhere, and ensure L1201 is non-popped



USB Virtual COM Port Settings:

Baud Rate:	115200 bps
Data Length:	8 bit
Parity:	None
Stop Bits:	1
Flow Control:	None

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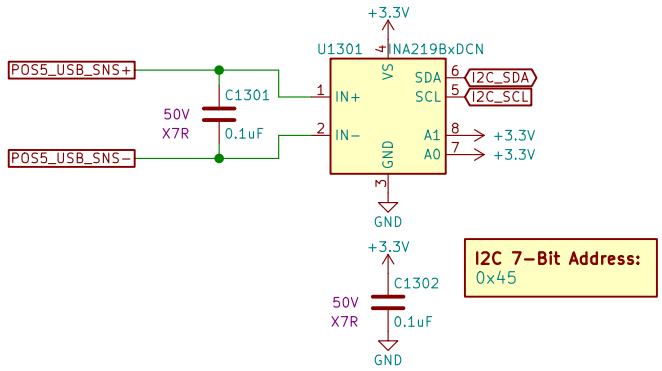
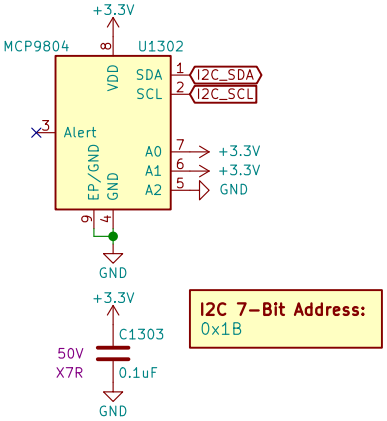
Sheet: /USB UART Bridge/
File: USB_UART_Bridge.sch

Title: Pulse Oximeter

Size: A	Date: 2020-08-01	**Rev: A**
KiCad E.D.A. kicad (5.1.4)-1		Id: 12/21





Drew Maatman		
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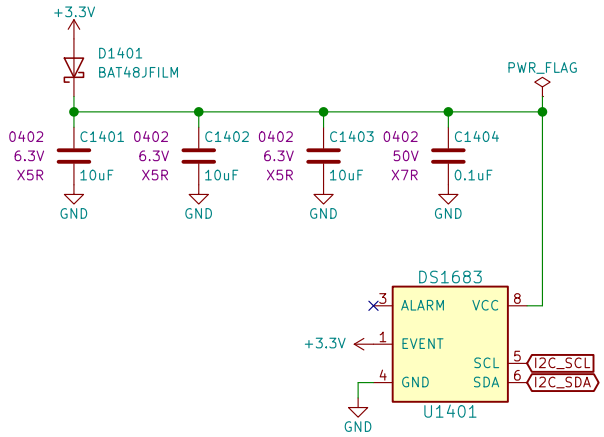
Title: Pulse Oximeter		
Size: A	Date: 2020−08−01	**Rev: A**
KiCad E.D.A. kicad (5.1.4)−1		Id: 13/21



I2C 7-Bit Address:
0x6B

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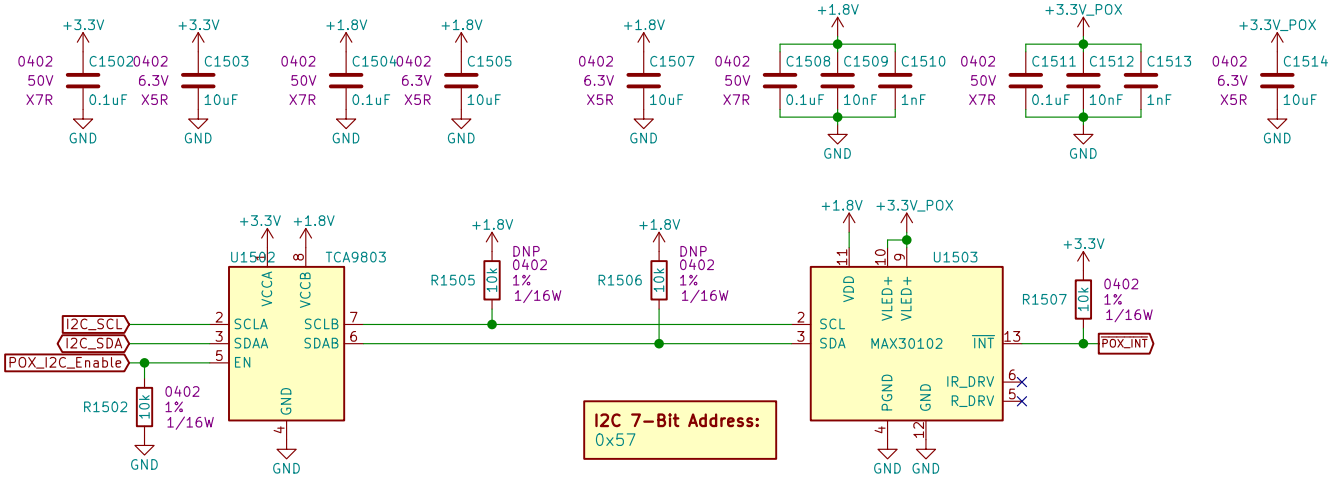
Sheet: /Time of Flight/
File: Time_of_Flight.sch

Title: Pulse Oximeter

Size: A	Date: 2020-08-01	**Rev: A**
KiCad E.D.A. kicad (5.1.4)-1		Id: 14/21



Drew Maatman		
Sheet: /POX Sensor/		
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Title: Pulse Oximeter		
Size: A	Date: 2020-08-01	**Rev: A**
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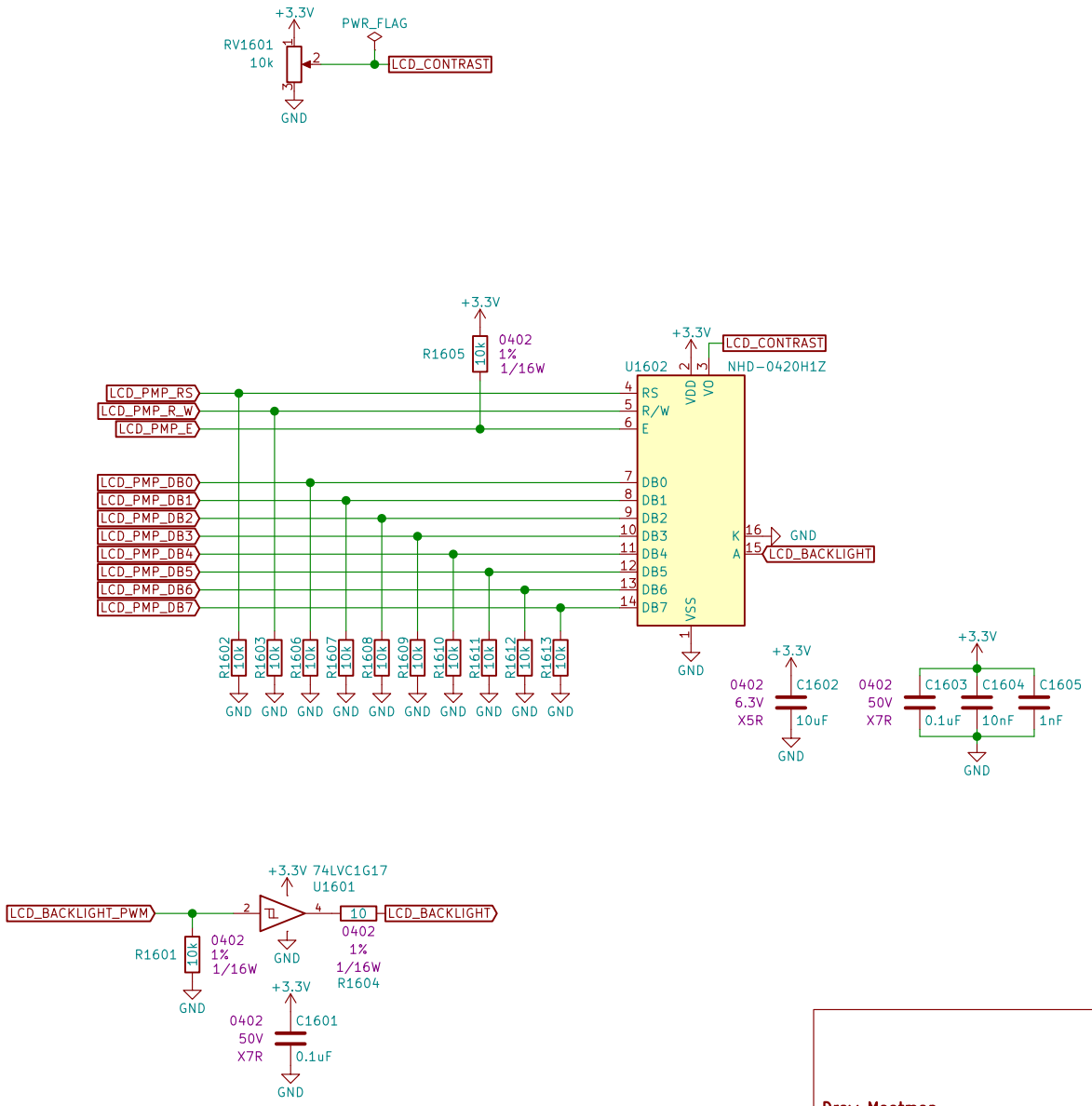

Drew Maatman		
Sheet: /Display/		
File: Display.sch		
Title: Pulse Oximeter		
Size: A	Date: 2020-08-01	**Rev: A**
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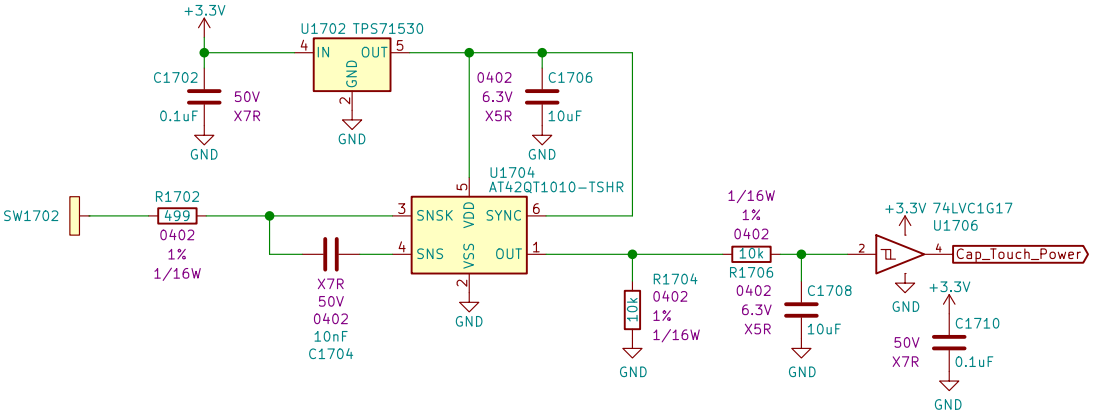

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Title: Pulse Oximeter		
Size: A	Date: 2020-08-01	**Rev: A**
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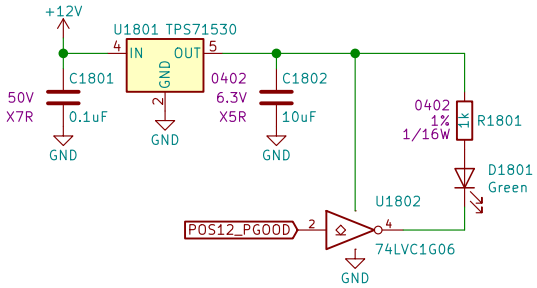

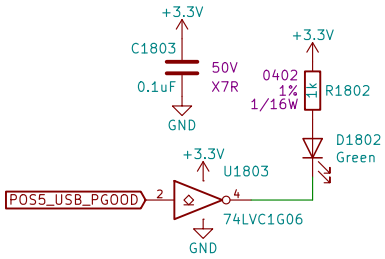

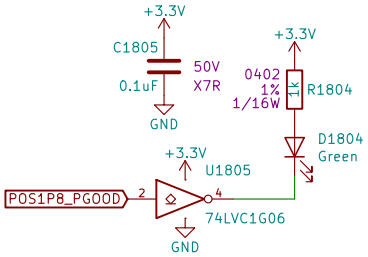

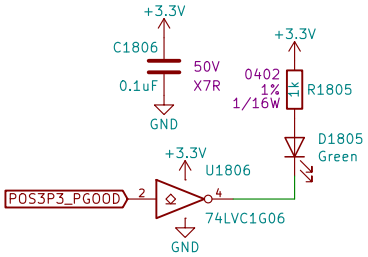

Drew Maatman		
Sheet: /PGOOD LEDs/		
File: PGOOD_LEDs.sch		
Title: Pulse Oximeter		
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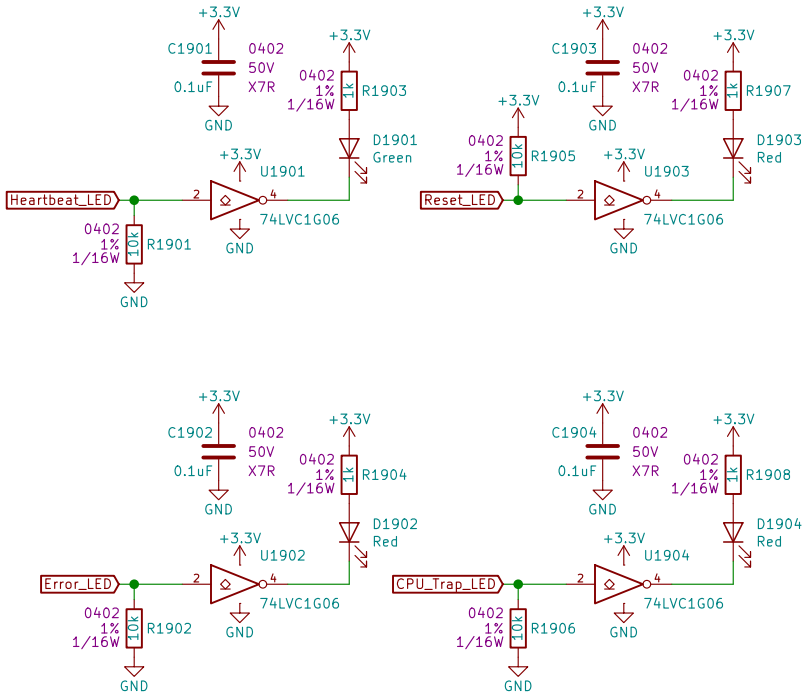
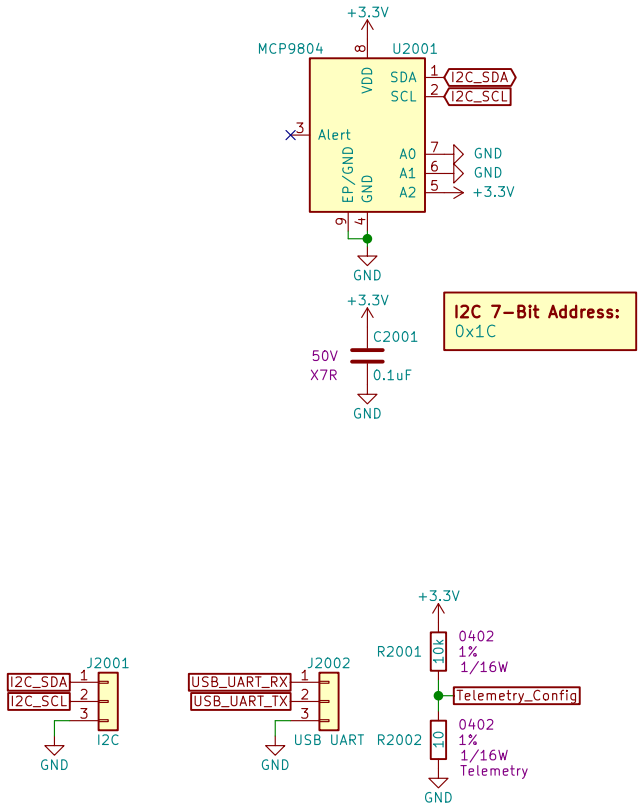


Drew Maatman

Sheet: /Status LEDs/
File: Status_LEDs.sch

Title: Pulse Oximeter

Size: A	Date: 2020-08-01	**Rev: A**
KiCad E.D.A. kicad (5.1.4)-1		Id: 19/21



Drew Maatman		
Sheet: /Misc Circuits/		
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Title: Pulse Oximeter		
Size: A	Date: 2020-08-01	**Rev: A**
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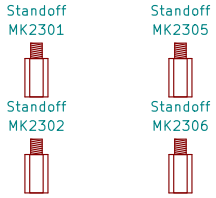

Drew Maatman		
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Size: A	Date: 2020-08-01	**Rev: A**
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