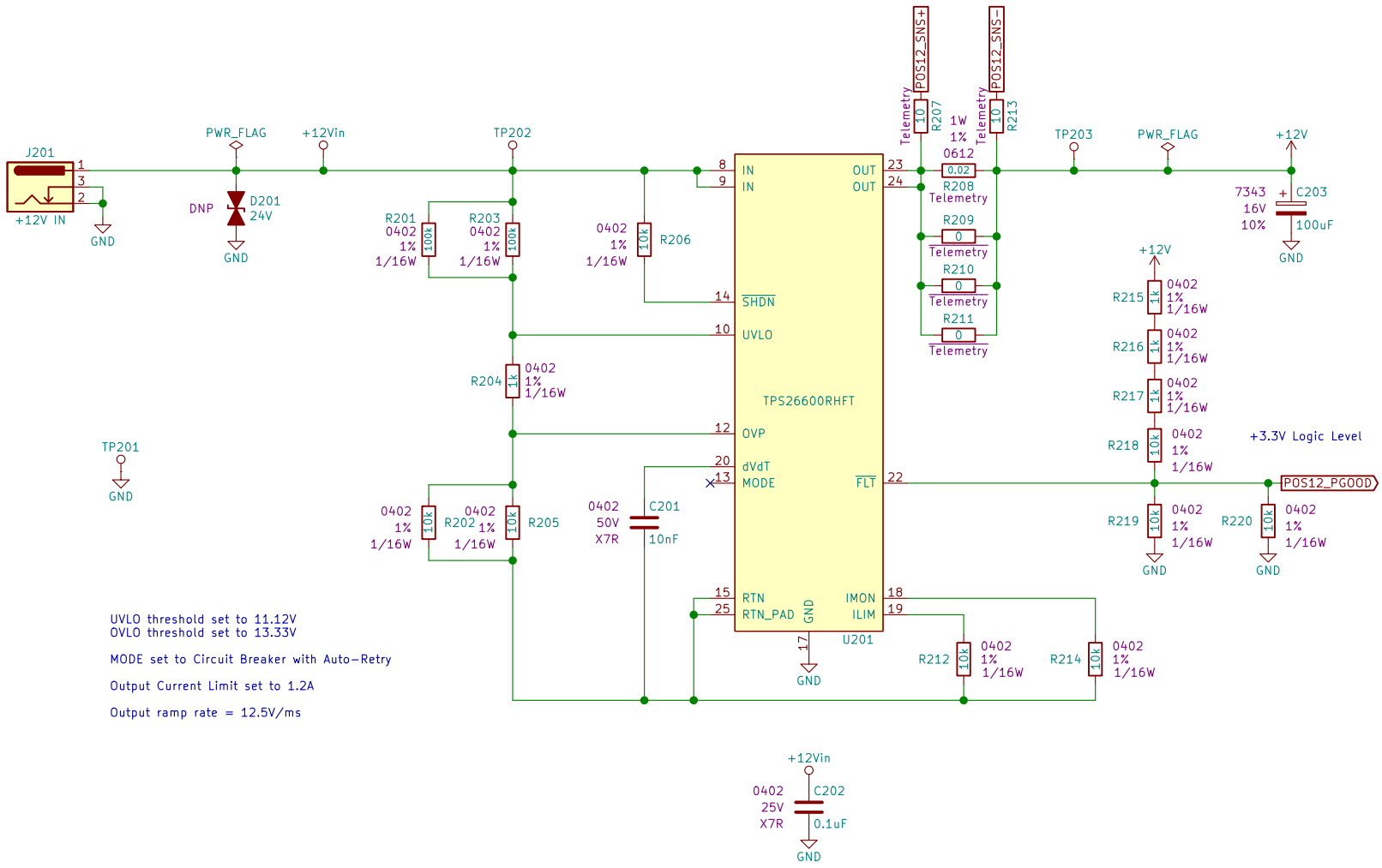
Pulse Oximeter

Drew Maatman, Nick Mussoline

Sheet: /
File: Pulse_Oximeter.sch

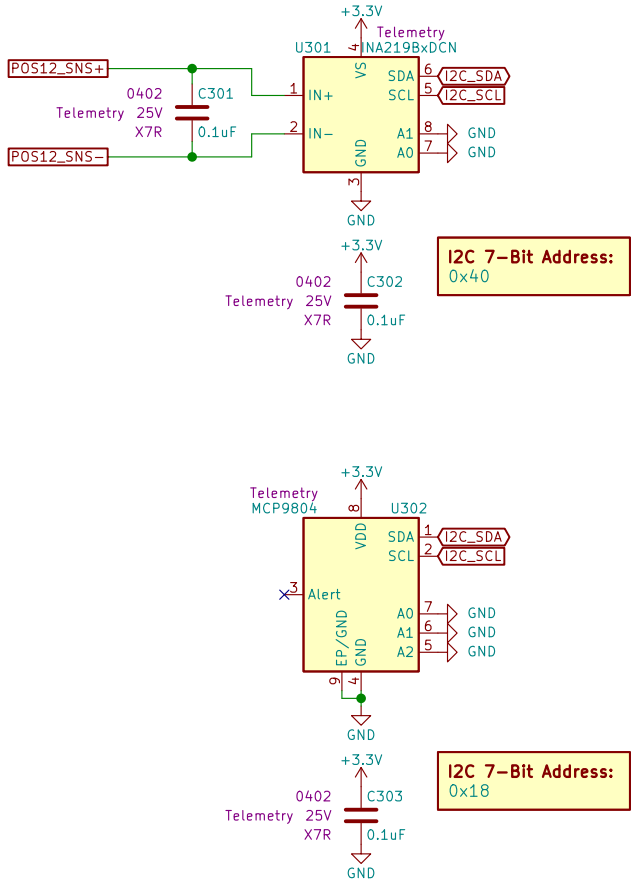
Title: Pulse Oximeter

Size: A	Date: 2020-12-31	**Rev: B**
KiCad E.D.A. kicad (5.1.8)-1		Id: 1/21



Drew Maatman, Nick Mussoline	
Sheet: /+12V Input/	
File: POS12_Input.sch	
Title: Pulse Oximeter	
Size: A	Date: 2020-12-31
KiCad E.D.A. kicad (5.1.8)-1	Id: 2/21

Rev: B



Drew Maatman, Nick Mussoline	
Sheet: /+12V Telemetry/	
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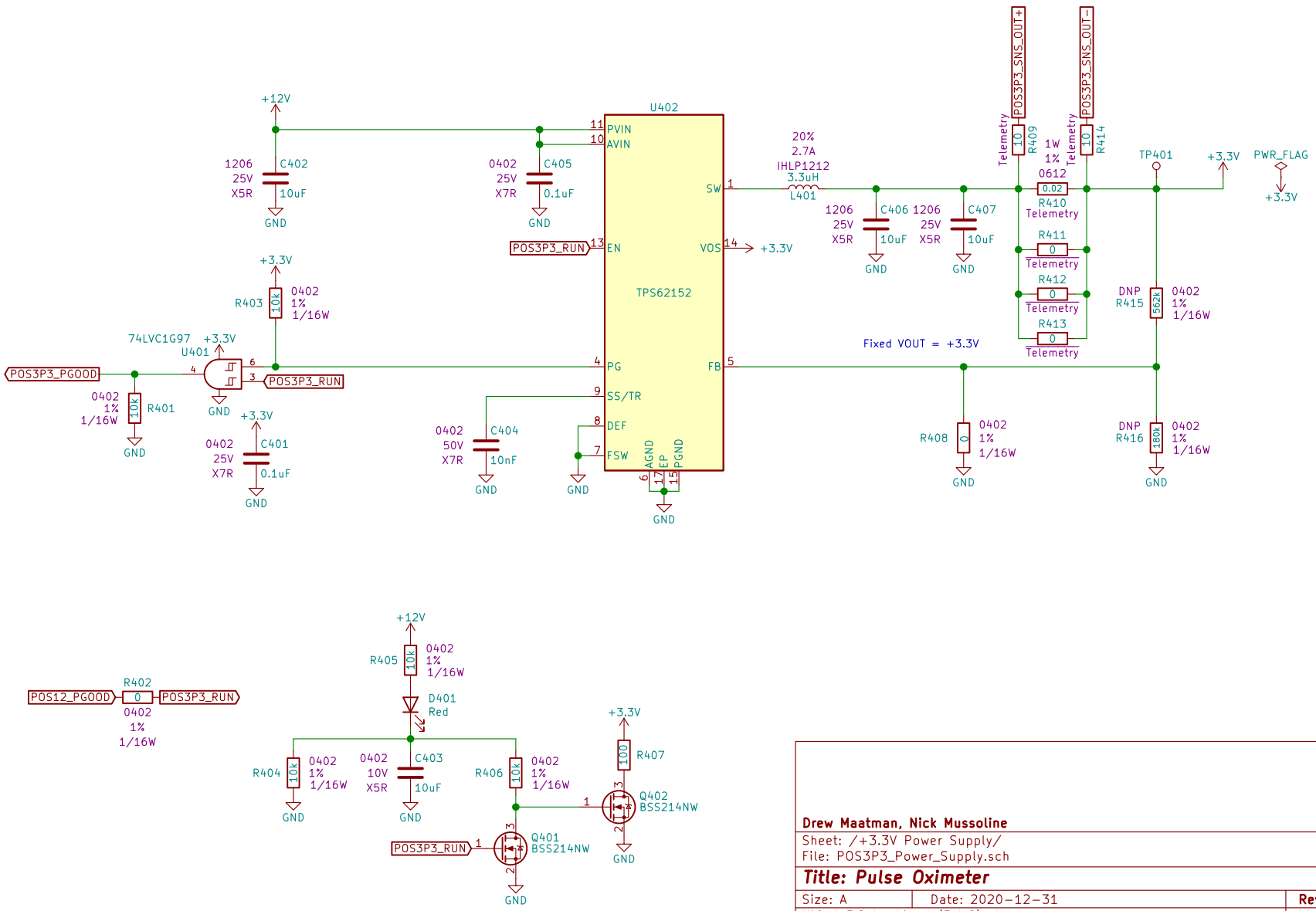
Title: Pulse Oximeter	
Size: A	Date: 2020−12−31
KiCad E.D.A. kicad (5.1.8)−1	Id: 3/21

Rev: B



Drew Maatman, Nick Mussoline	
Sheet: /+3.3V Power Supply/	
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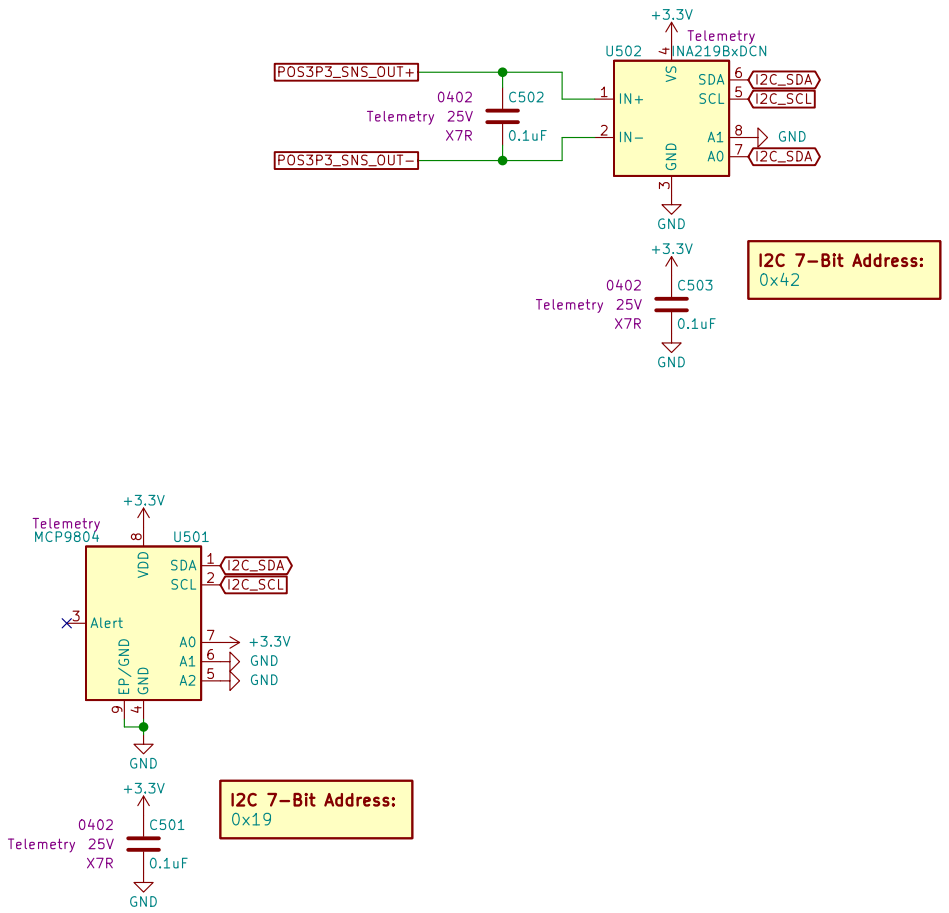
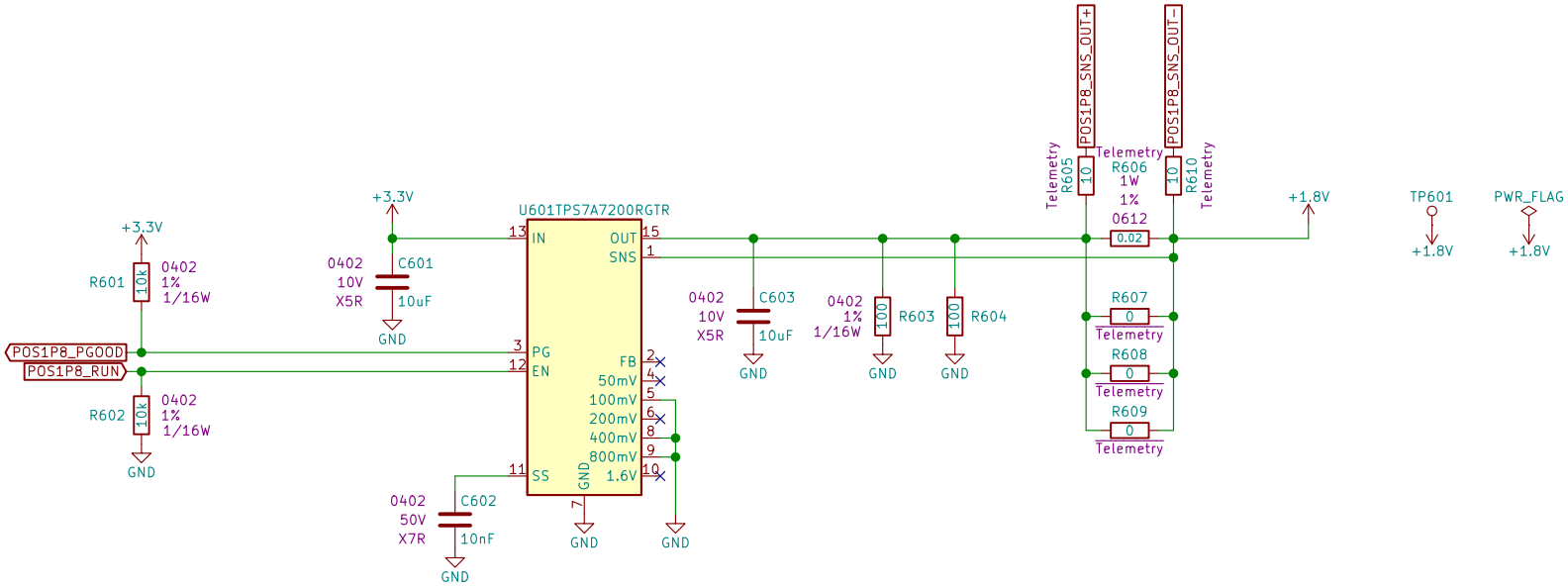
Title: Pulse Oximeter	
Size: A	Date: 2020-12-31
KiCad E.D.A. kicad (5.1.8)-1	Id: 4/21

Rev: B



Drew Maatman, Nick Mussoline		
Sheet: /+3.3V Telemetry/		
File: POS3P3_Telemetry.sch		
Title: Pulse Oximeter		
Size: A	Date: 2020−12−31	**Rev: B**
KiCad E.D.A. kicad (5.1.8)−1		Id: 5/21



Drew Maatman, Nick Mussoline		
Sheet: /+1.8V Power Supply/		
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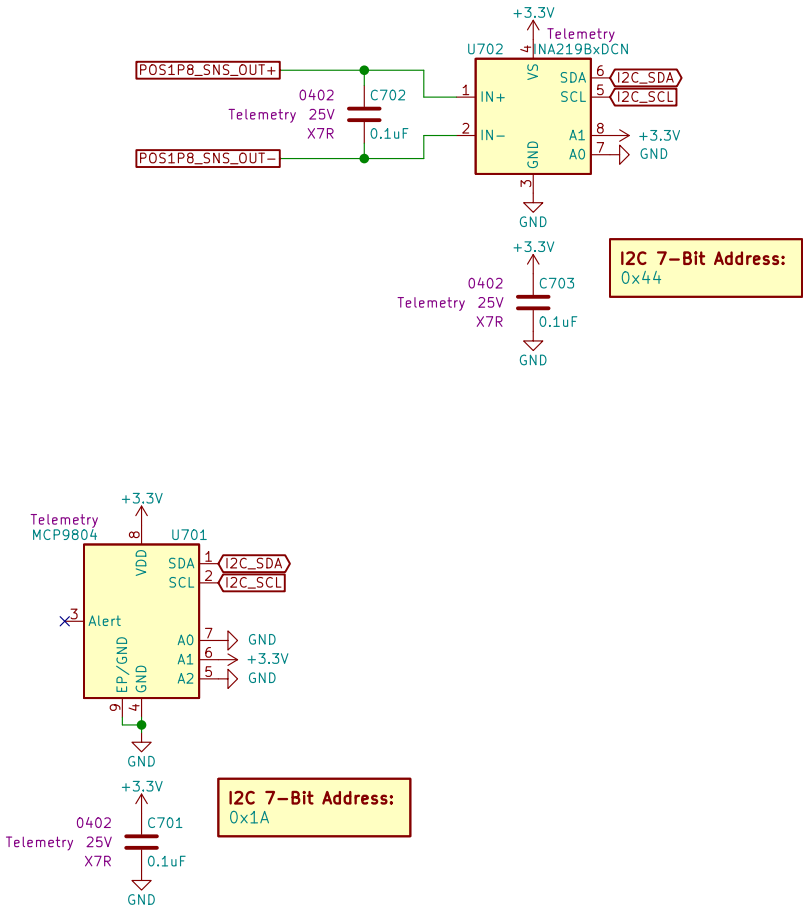
Title: Pulse Oximeter		
Size: A	Date: 2020-12-31	**Rev: B**
KiCad E.D.A. kicad (5.1.8)-1		Id: 6/21



Drew Maatman, Nick Mussoline		
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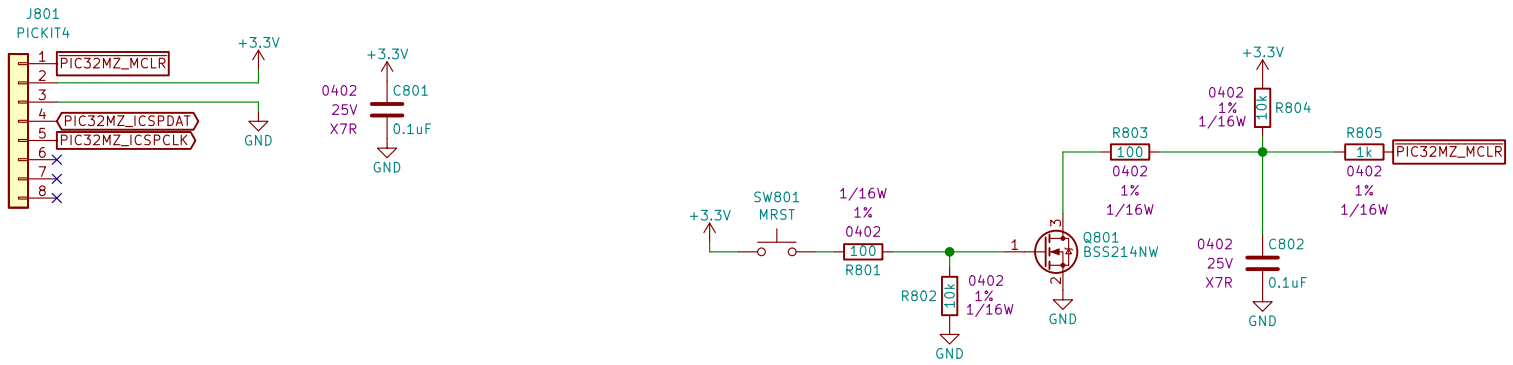
Title: Pulse Oximeter		
Size: A	Date: 2020−12−31	**Rev: B**
KiCad E.D.A. kicad (5.1.8)−1		Id: 7/21



Drew Maatman, Nick Mussoline			
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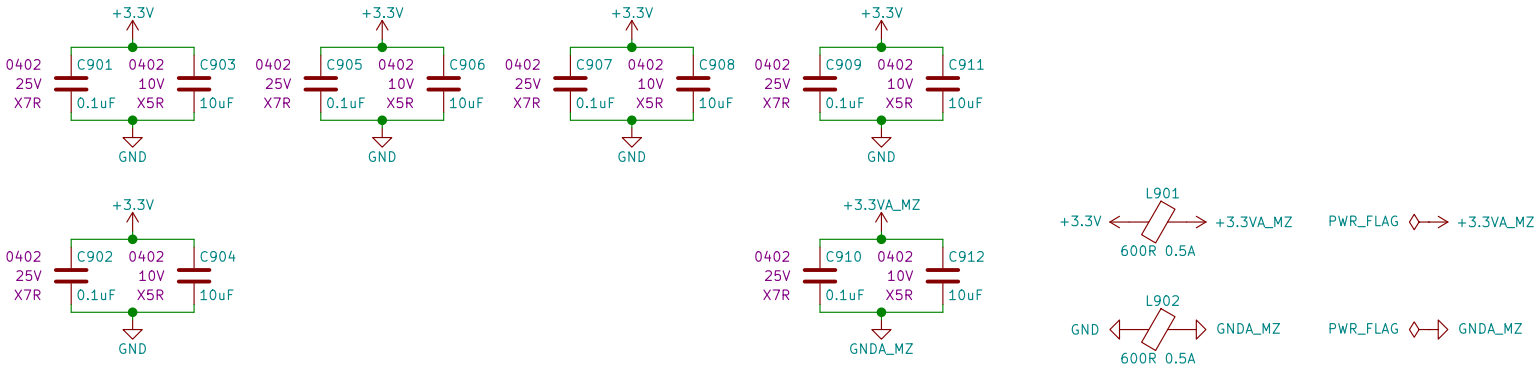
Title: Pulse Oximeter			
Size: A	Date: 2020-12-31		**Rev: B**
KiCad E.D.A. kicad (5.1.8)-1			Id: 8/21



Drew Maatman, Nick Mussoline		
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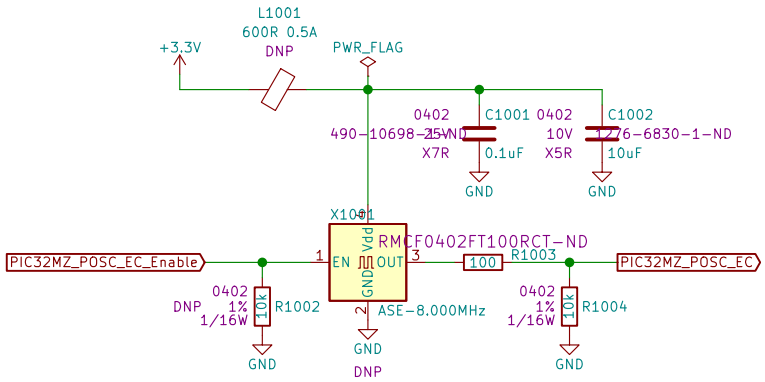
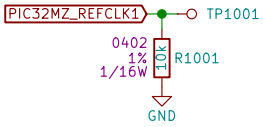
Size: A	Date: 2020-12-31	**Rev: B**
KiCad E.D.A. kicad (5.1.8)-1		Id: 9/21





Drew Maatman, Nick Mussoline		
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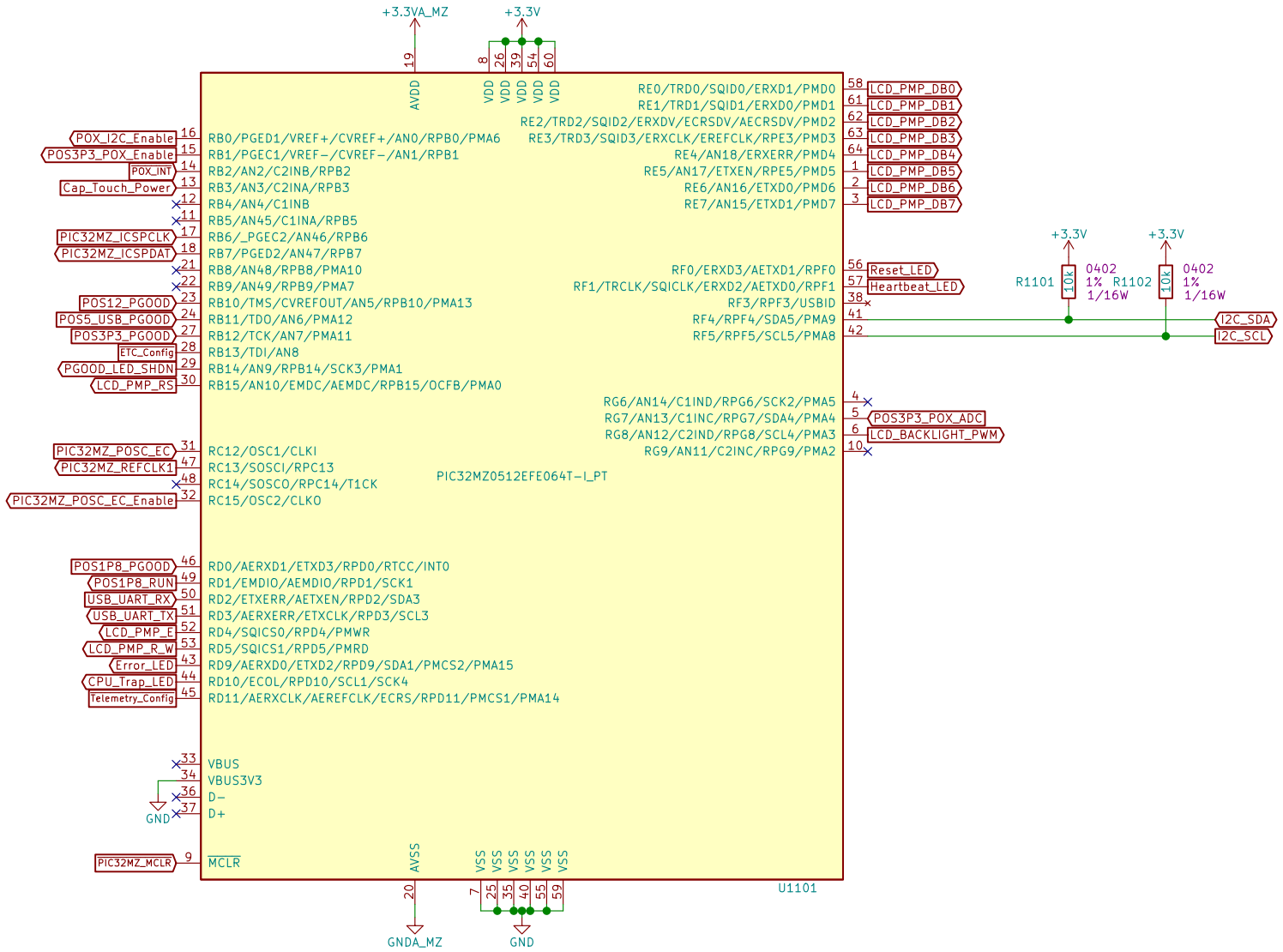
Title: Pulse Oximeter		
Size: A	Date: 2020-12-31	**Rev: B**
KiCad E.D.A. kicad (5.1.8)-1		Id: 10/21



Drew Maatman, Nick Mussoline		
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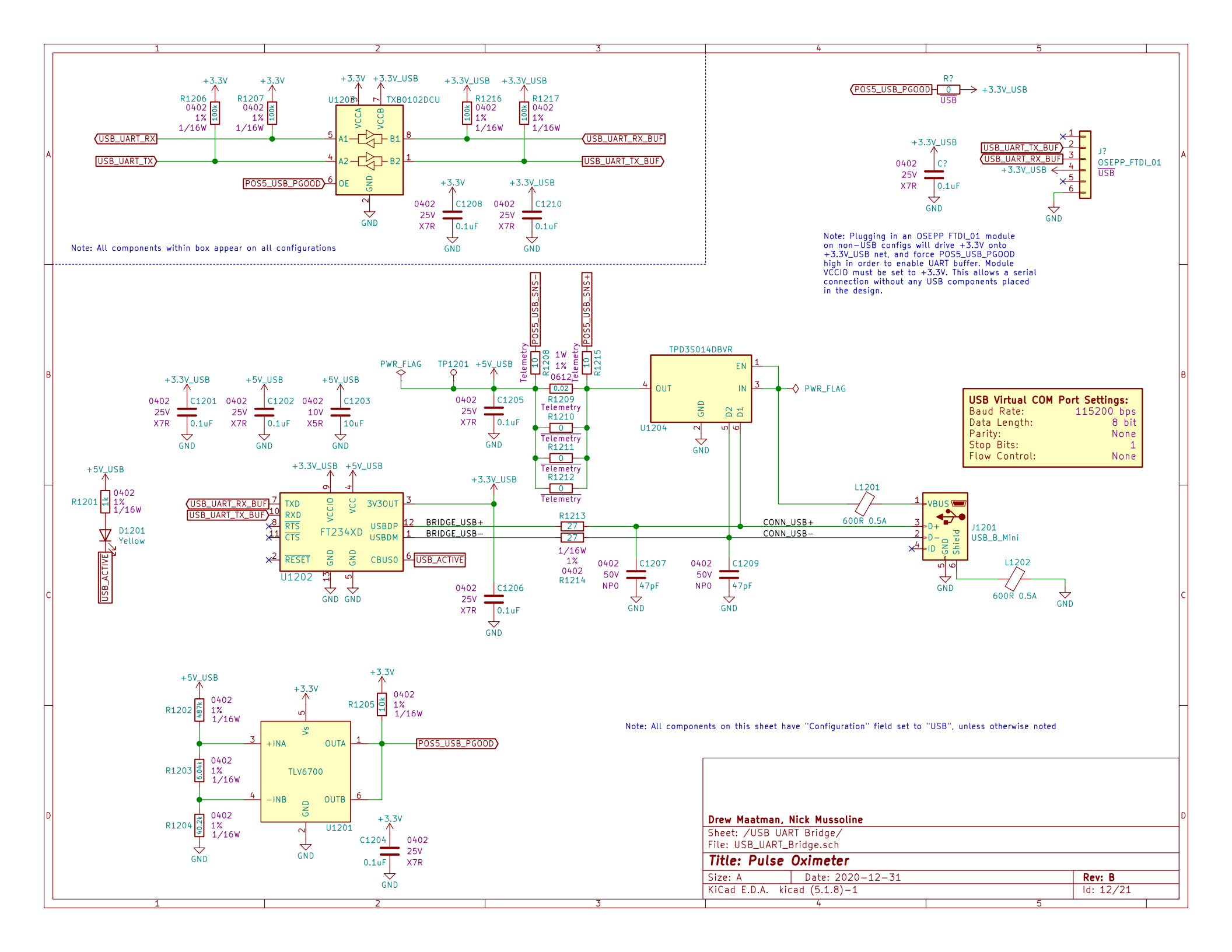
Title: Pulse Oximeter		
Size: A	Date: 2020-12-31	**Rev: B**
KiCad E.D.A. kicad (5.1.8)-1		Id: 11/21



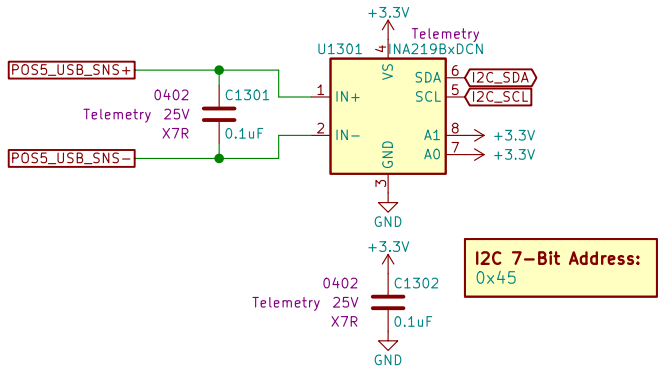
Drew Maatman, Nick Mussoline

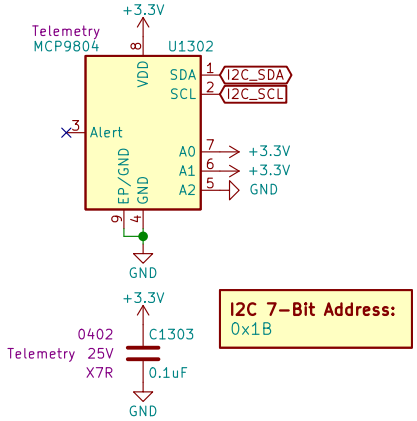
Sheet: /USB UART Bridge/

File: USB_UART_Bridge.sch

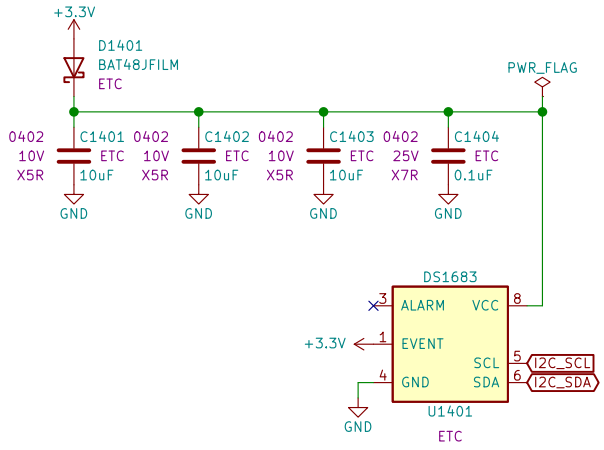
Title: Pulse Oximeter

Size: A	Date: 2020-12-31	**Rev: B**
KiCad E.D.A. kicad (5.1.8)-1		Id: 12/21





Drew Maatman, Nick Mussoline		
Sheet: /USB Telemetry/		
File: USB_Telemetry.sch		
Title: Pulse Oximeter		
Size: A	Date: 2020−12−31	**Rev: B**
KiCad E.D.A. kicad (5.1.8)−1		Id: 13/21



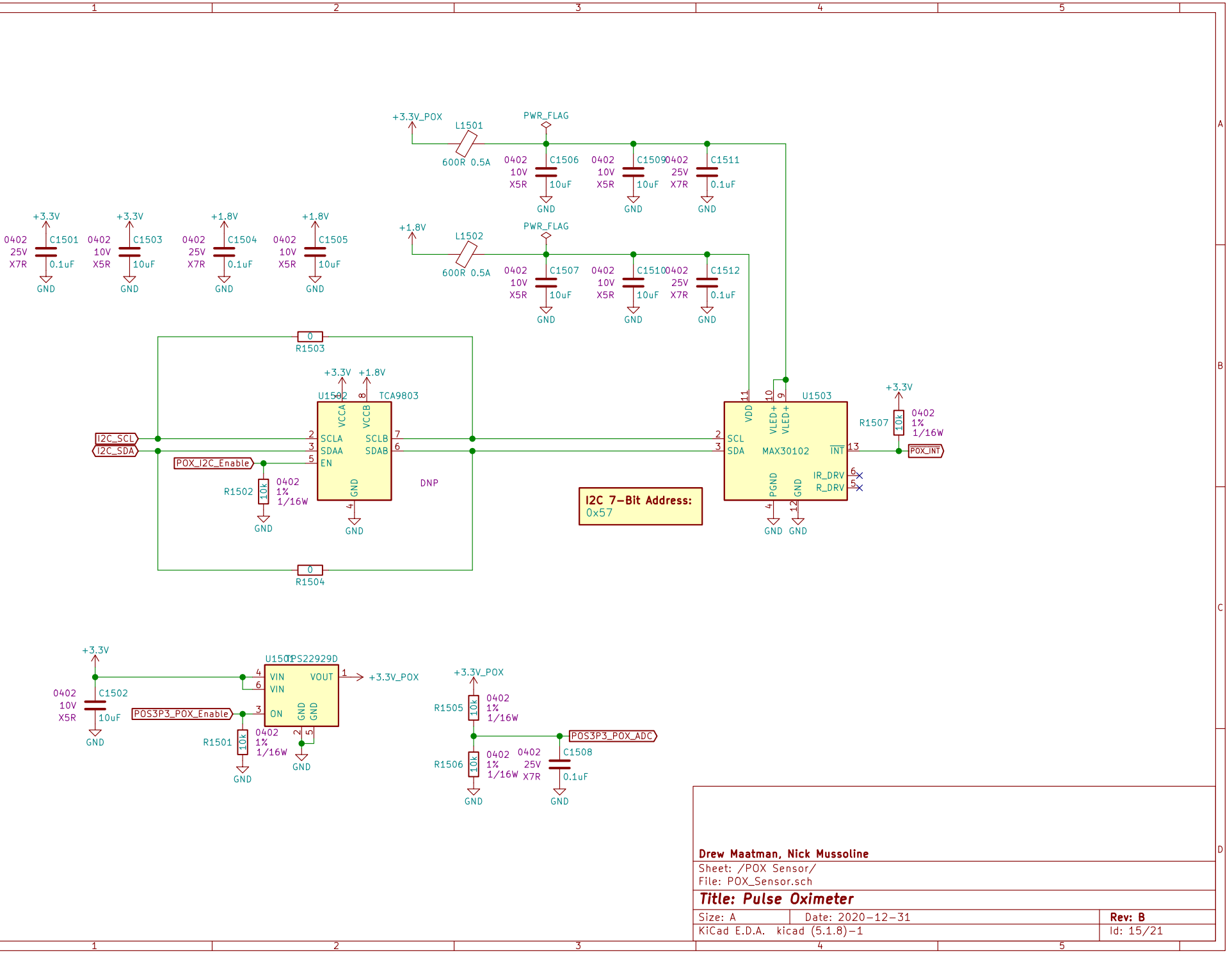
I2C 7-Bit Address:
0x6B

Drew Maatman, Nick Mussoline

Sheet: /Platform ETC/
File: Platform_ETC.sch

Title: Pulse Oximeter

Size: A	Date: 2020-12-31	**Rev: B**
KiCad E.D.A. kicad (5.1.8)-1		Id: 14/21



Drew Maatman, Nick Mussoline

Sheet: /POX Sensor/

File: POX_Sensor.sch

Title: Pulse Oximeter

Size: A	Date: 2020-12-31	Rev: B
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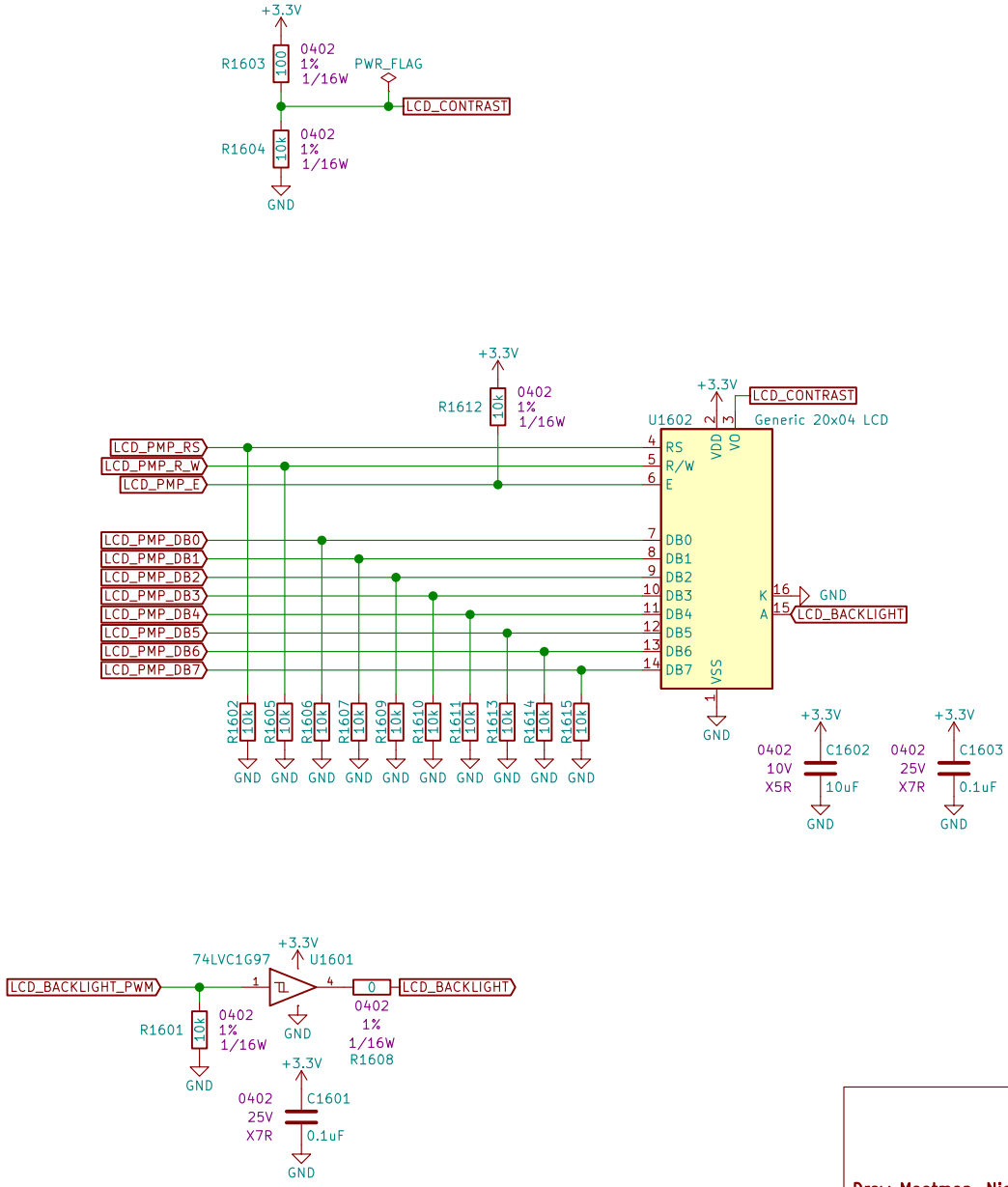

Drew Maatman, Nick Mussoline		
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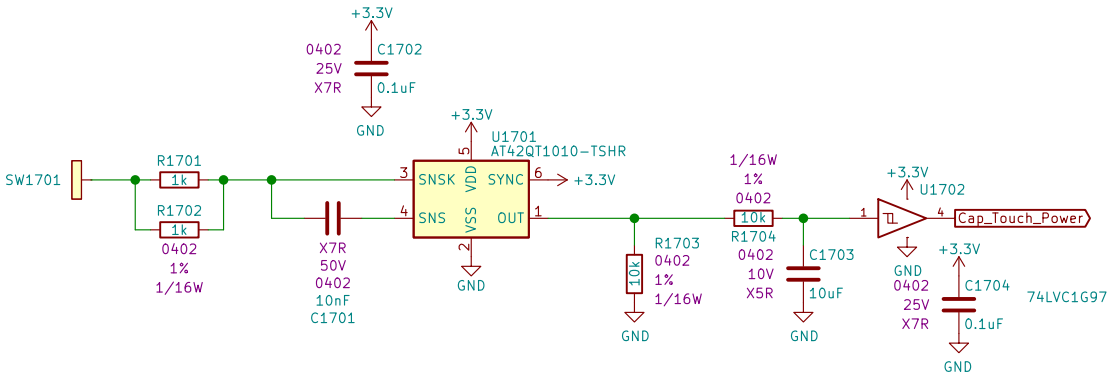
KiCad E.D.A. kicad (5.1.8)-1		Id: 16/21



Drew Maatman, Nick Mussoline		
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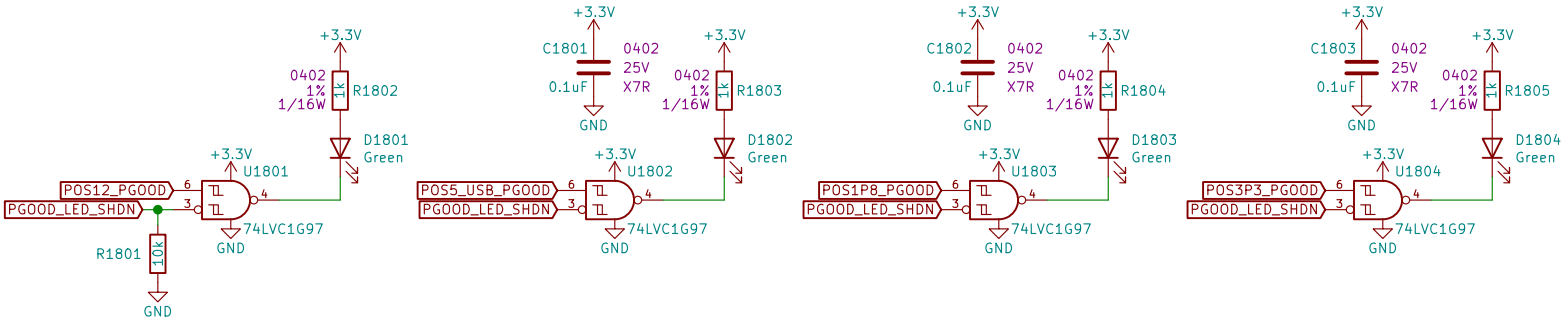
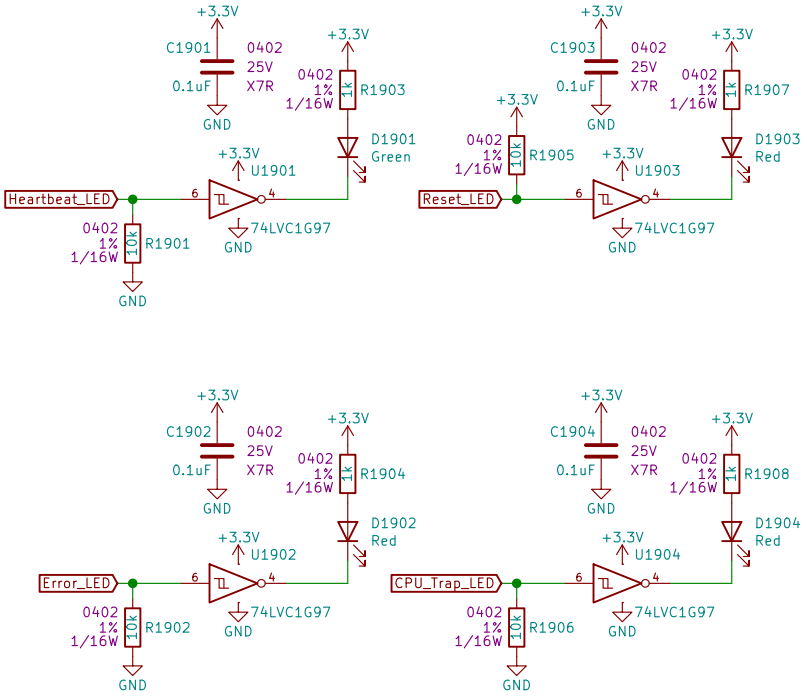
Title: Pulse Oximeter		
Size: A	Date: 2020-12-31	**Rev: B**
KiCad E.D.A. kicad (5.1.8)-1		Id: 17/21



Drew Maatman, Nick Mussoline		
Sheet: /PGOOD LEDs/		
File: PGOOD_LEDs.sch		
Title: Pulse Oximeter		
Size: A	Date: 2020-12-31	**Rev: B**
KiCad E.D.A. kicad (5.1.8)-1		Id: 18/21



Drew Maatman, Nick Mussoline

Sheet: /Status LEDs/
File: Status_LEDs.sch

Title: Pulse Oximeter

Size: A	Date: 2020-12-31	**Rev: B**
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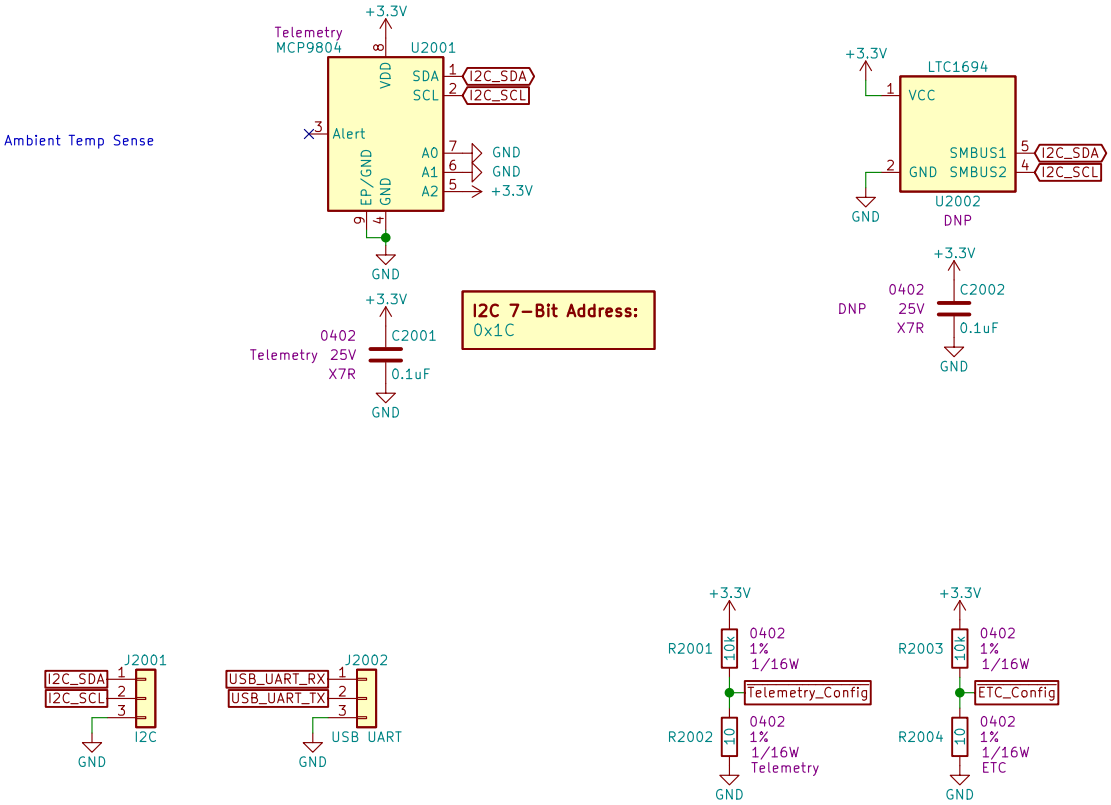

Drew Maatman, Nick Mussoline

Sheet: /Misc Circuits/
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Title: Pulse Oximeter

Size: A	Date: 2020-12-31	**Rev: B**
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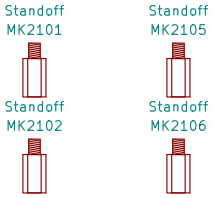

Drew Maatman, Nick Mussoline

Sheet: /Mechanical/
File: Mechanical.sch

Title: Pulse Oximeter

Size: A	Date: 2020-12-31	**Rev: B**
KiCad E.D.A. kicad (5.1.8)-1		Id: 21/21