

	1	2	3	4	5	
A		Sheet: +12V Input File: POS12_Input.sch		Sheet: PG00D LEDs File: PG00D_LEDs.sch		A
		Sheet: +12V Telemetry File: POS12_Telemetry.sch		Sheet: Status LEDs File: Status_LEDs.sch		
		Sheet: +3.3V Power Supply File: POS3P3_Power_Supply.sch		Sheet: Misc Circuits File: Misc_Circuits.sch		
		Sheet: +3.3V Telemetry File: POS3P3_Telemetry.sch		Sheet: Backup RTC File: Backup_RTC.sch		
		Sheet: +1.8V Power Supply File: POS1P8_Power_Supply.sch		Sheet: SD Card Slot File: SD_Card_Slot.sch		
B		Sheet: +1.8V Telemetry File: POS1P8_Telemetry.sch		Sheet: Mechanical File: Mechanical.sch		B
		Sheet: PIC32MZ Programming File: PIC32MZ_Programming.sch				
		Sheet: PIC32MZ Bypass File: PIC32MZ_Bypass.sch				
		Sheet: PIC32MZ Clocking File: PIC32MZ_Clocking.sch				
		Sheet: PIC32MZ File: PIC32MZ.sch				
		Sheet: USB UART Bridge File: USB_UART_Bridge.sch				
C		Sheet: USB Telemetry File: USB_Telemetry.sch				C
		Sheet: Time of Flight File: Time_of_Flight.sch				
		Sheet: POX Sensor File: POX_Sensor.sch				
		Sheet: Display File: Display.sch				
		Sheet: Pushbuttons File: Pushbuttons.sch				
D						D
	1	2	3	4	5	

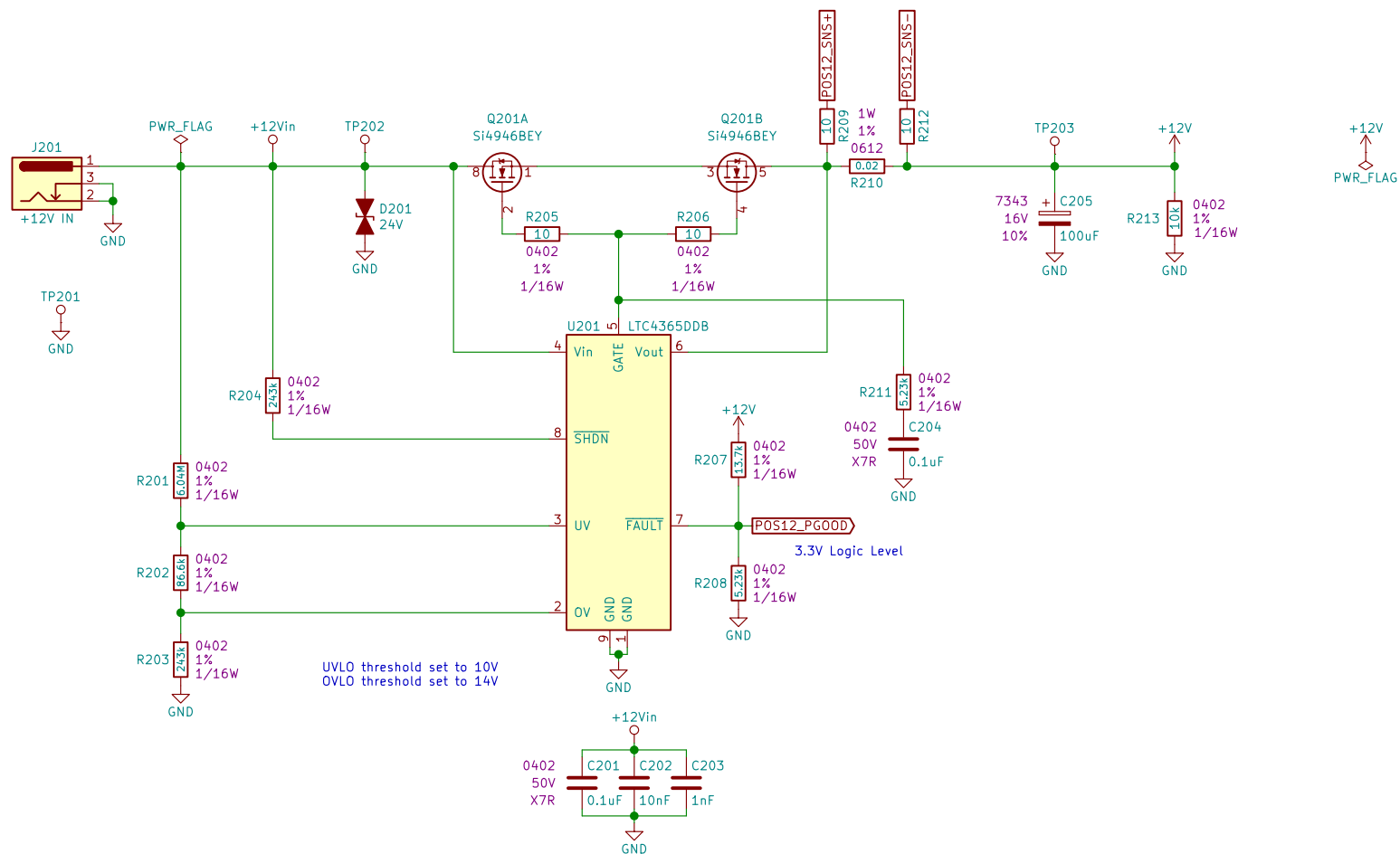
Drew Maatman

Sheet: /
File: Pulse_Oximeter.sch

Title: Pulse Oximeter

Size: A	Date: 2019-01-03
KiCad E.D.A. kicad (5.1.4)-1	

Rev: A
Id: 1/23



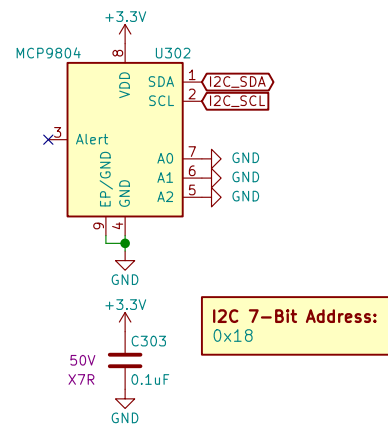
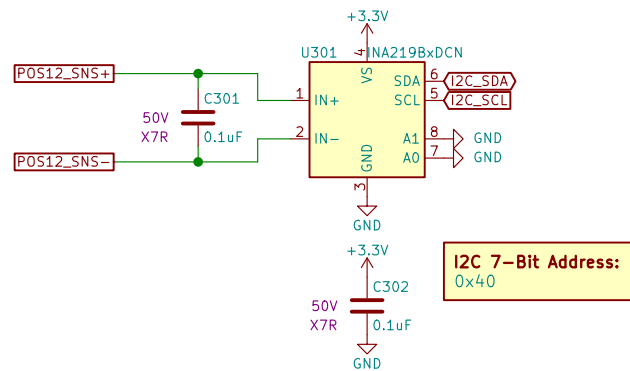
Drew Maatman

Sheet: /+12V Input/
File: POS12_Input.sch

Title: Pulse Oximeter

Size: A Date: 2019-01-03
KiCad E.D.A. kicad (5.1.4)-1

Rev: A
Id: 2/23



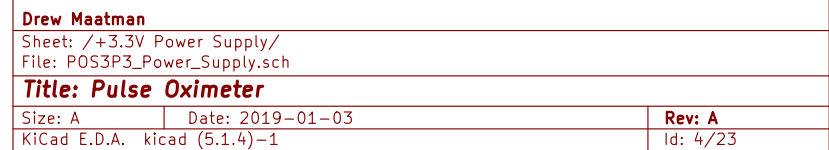
Drew Maatman

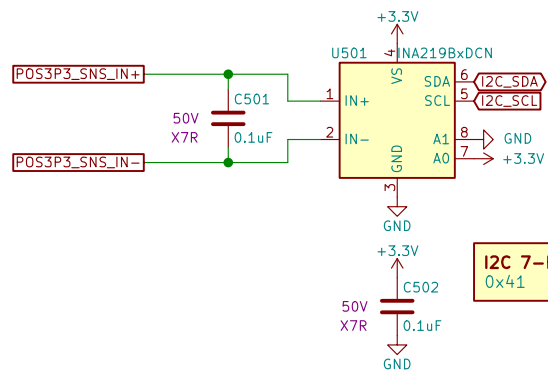
Sheet: /+12V Telemetry/
File: POS12_Telemetry.sch

Title: Pulse Oximeter

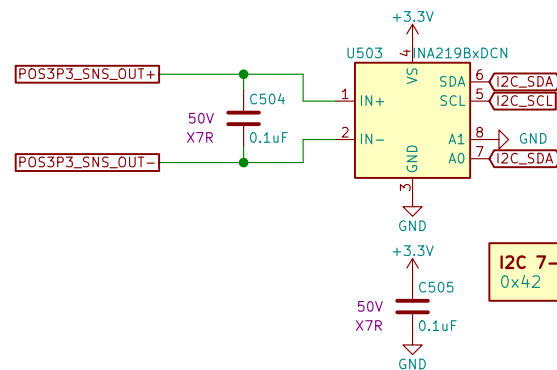
Size: A Date: 2019-01-03
KiCad E.D.A. kicad (5.1.4)-1

Rev: A
Id: 3/23

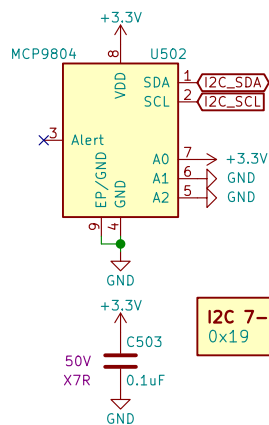




I2C 7-Bit Address:
0x41



I2C 7-Bit Address:
0x42



I2C 7-Bit Address:
0x19

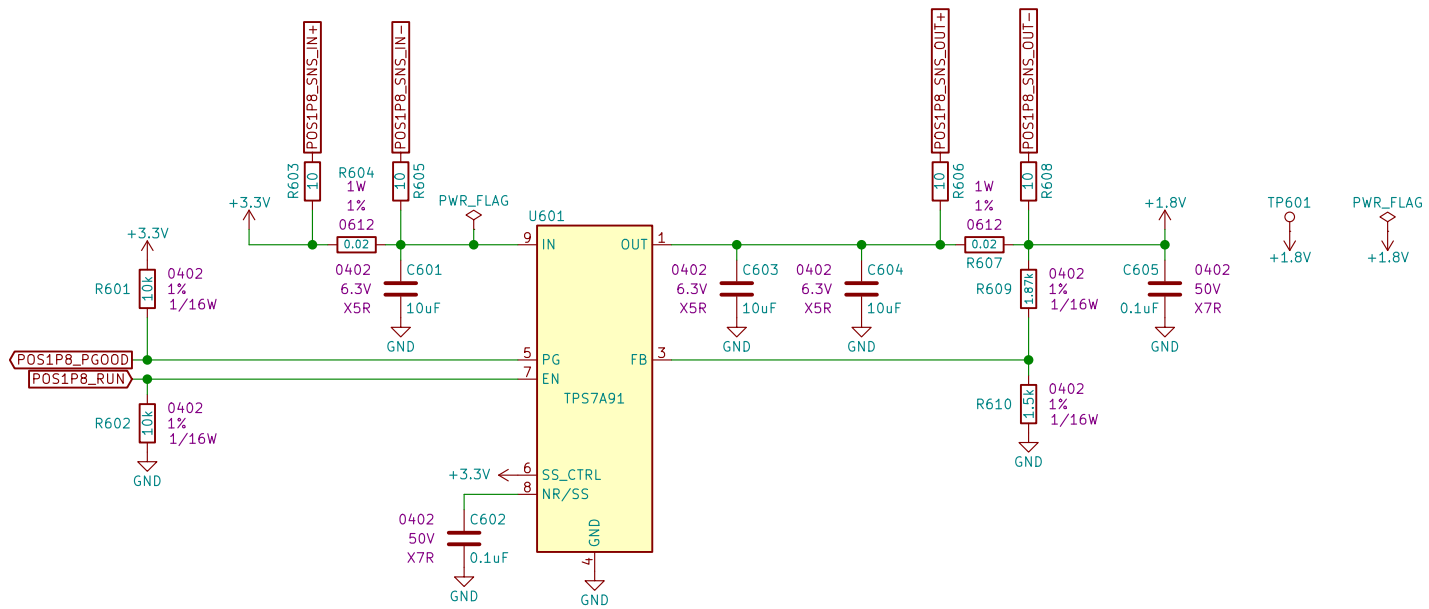
Drew Maatman

Sheet: /+3.3V Telemetry/
File: POS3P3_Telemetry.sch

Title: Pulse Oximeter

Size: A Date: 2019-01-03
KiCad E.D.A. kicad (5.1.4)-1

Rev: A
Id: 5/23



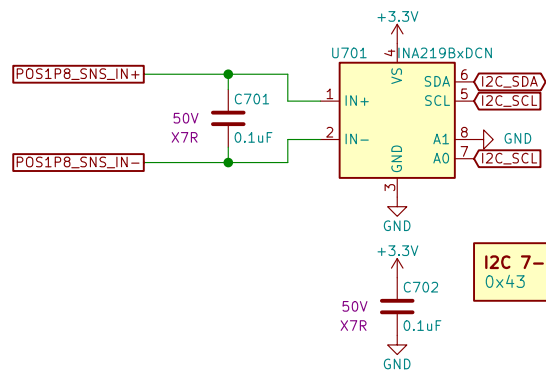
Drew Maatman

Sheet: /+1.8V Power Supply/
File: POS1P8_Power_Supply.sch

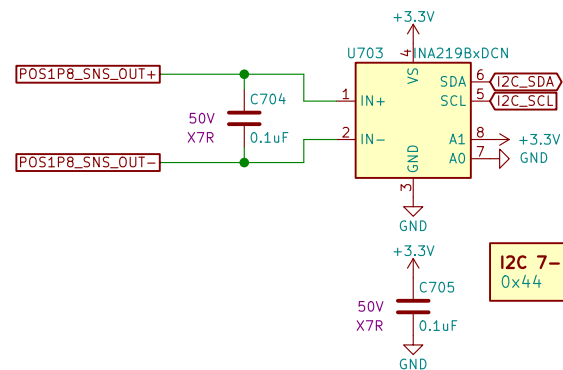
Title: Pulse Oximeter

Size: A Date: 2019-01-03
KiCad E.D.A. kicad (5.1.4)-1

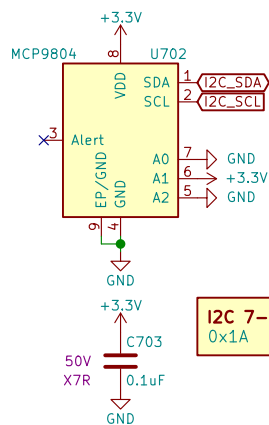
Rev: A
Id: 6/23



I2C 7-Bit Address:
0x43



I2C 7-Bit Address:
0x44



I2C 7-Bit Address:
0x1A

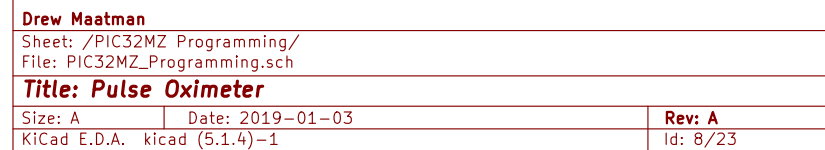
Drew Maatman

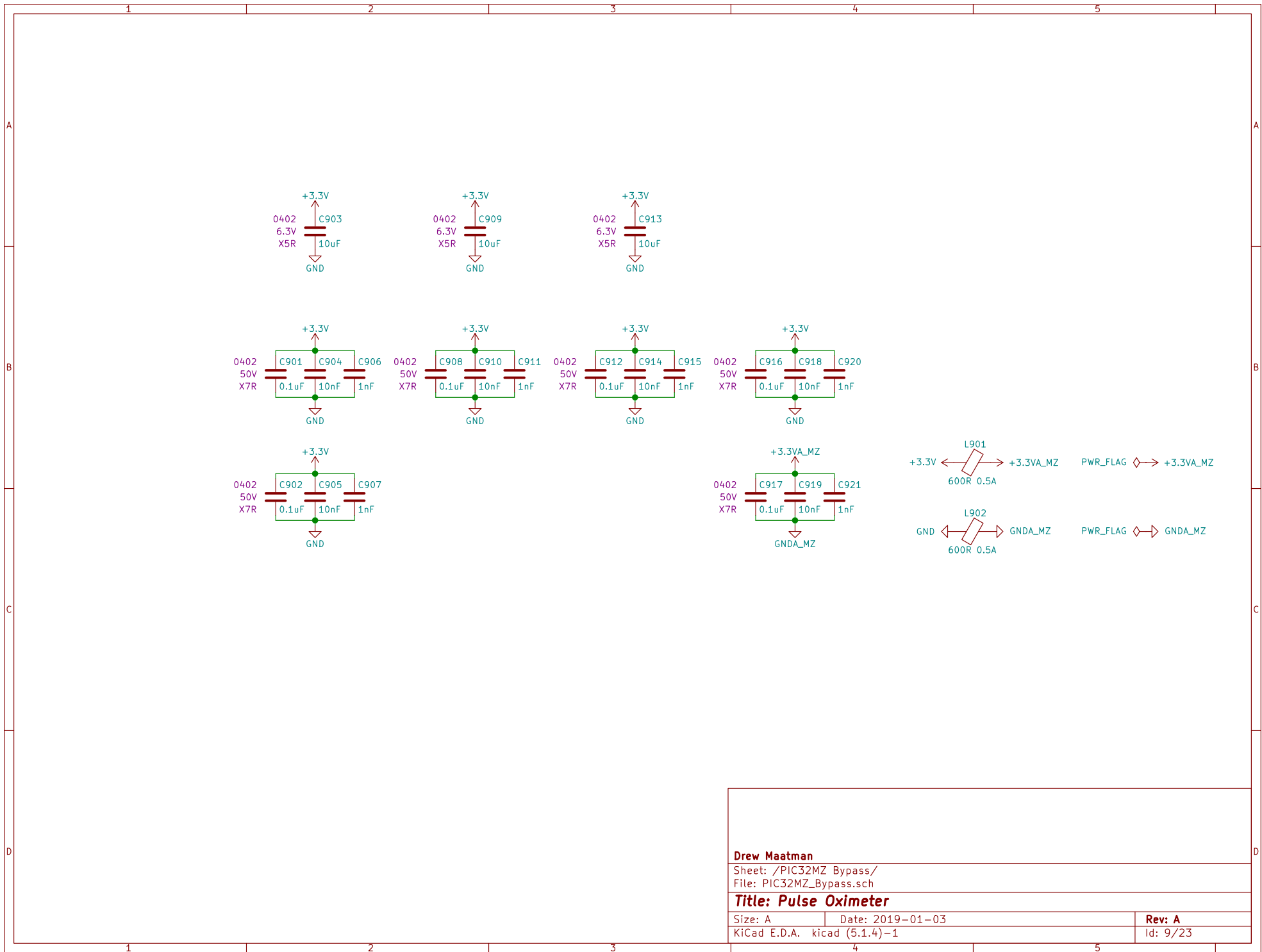
Sheet: /+1.8V Telemetry/
File: POS1P8_Telemetry.sch

Title: Pulse Oximeter

Size: A Date: 2019-01-03
KiCad E.D.A. kicad (5.1.4)-1

Rev: A
Id: 7/23





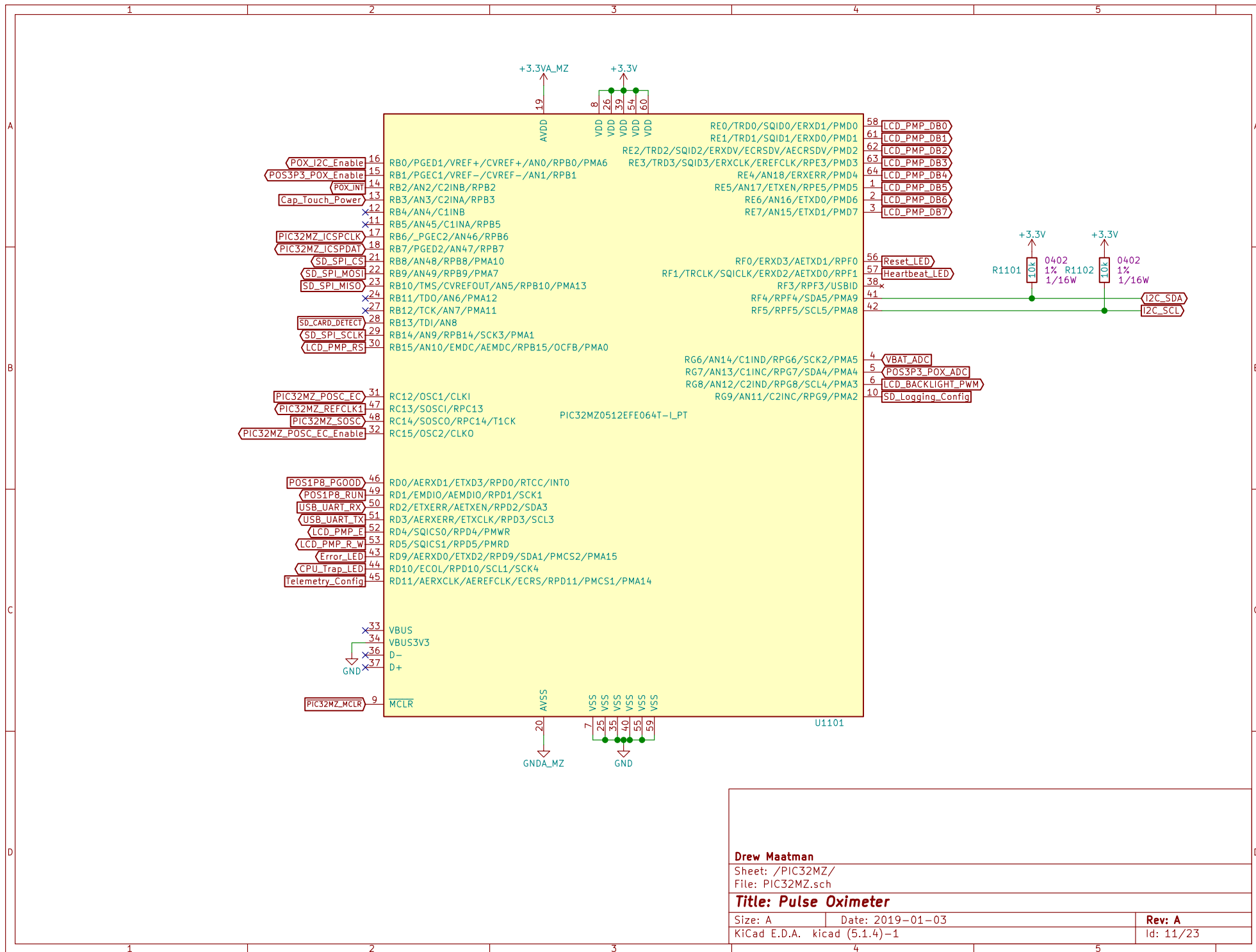
Drew Maatman

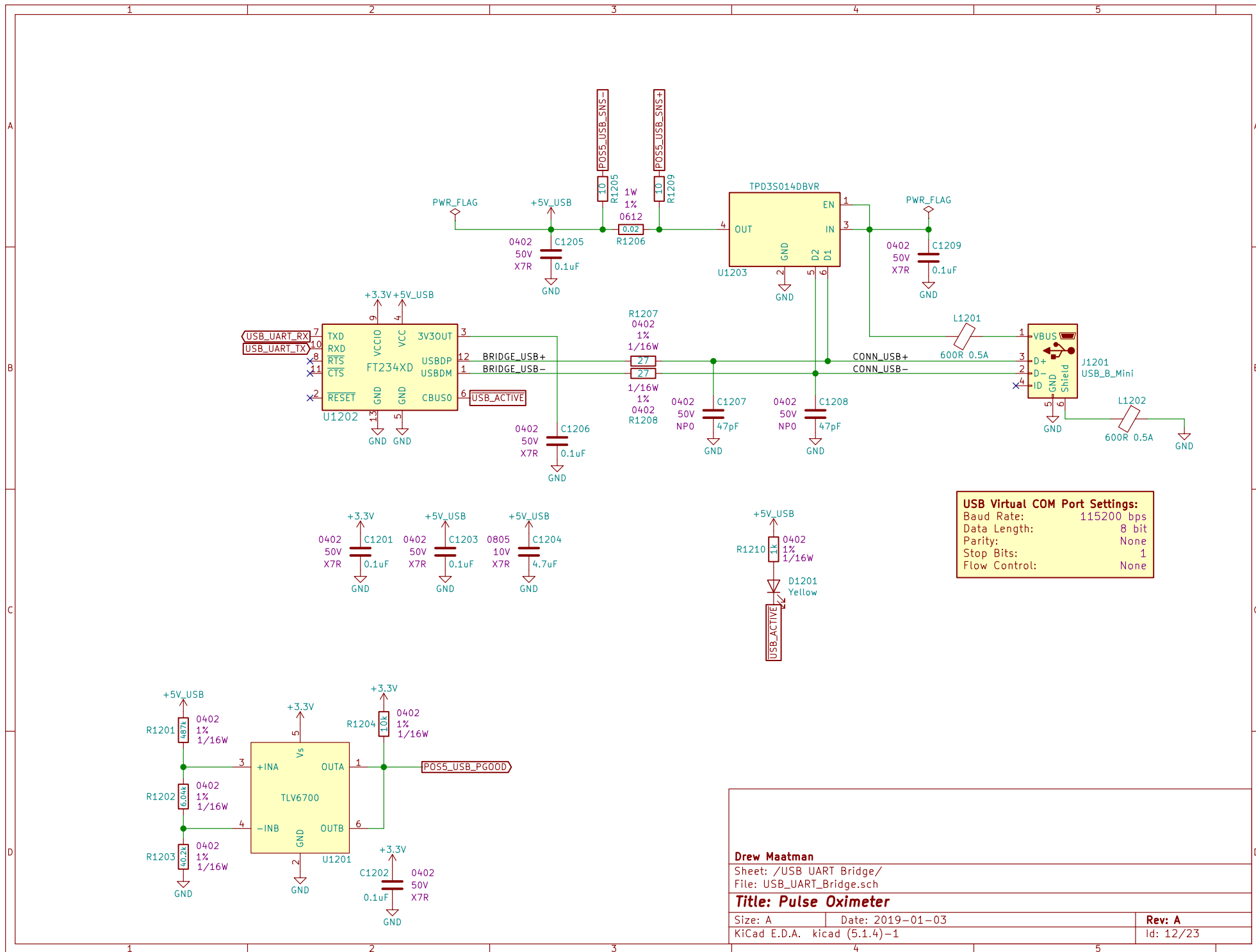
Sheet: /PIC32MZ Bypass/
File: PIC32MZ_Bypass.sch

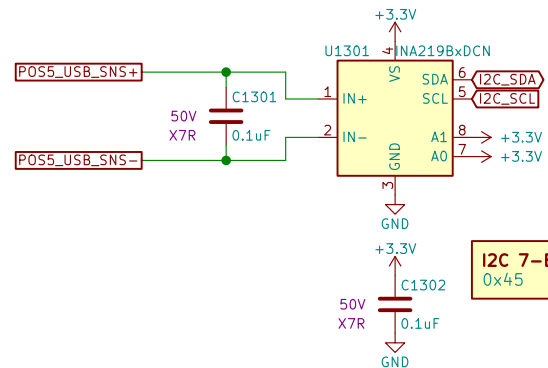
Title: Pulse Oximeter

Size: A Date: 2019-01-03
KiCad E.D.A. kicad (5.1.4)-1

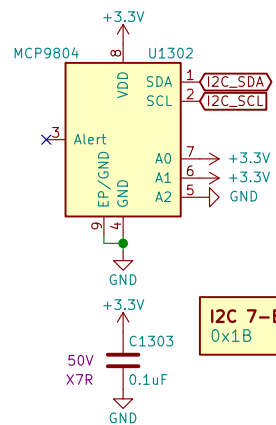
Rev: A
Id: 9/23







I2C 7-Bit Address:
0x45



I2C 7-Bit Address:
0x1B

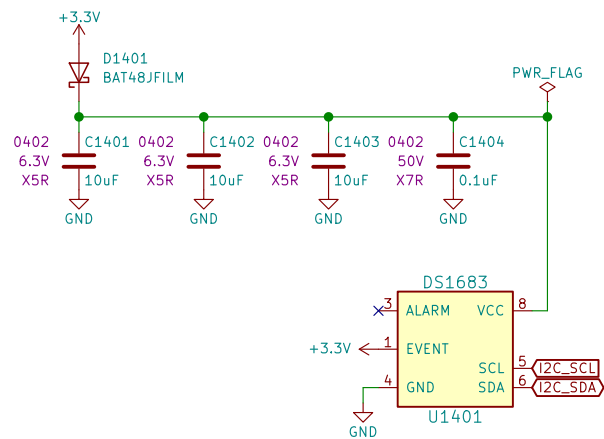
Drew Maatman

Sheet: /USB Telemetry/
File: USB_Telemetry.sch

Title: Pulse Oximeter

Size: A Date: 2019-01-03
KiCad E.D.A. kicad (5.1.4)-1

Rev: A
Id: 13/23



I2C 7-Bit Address:
0x6B

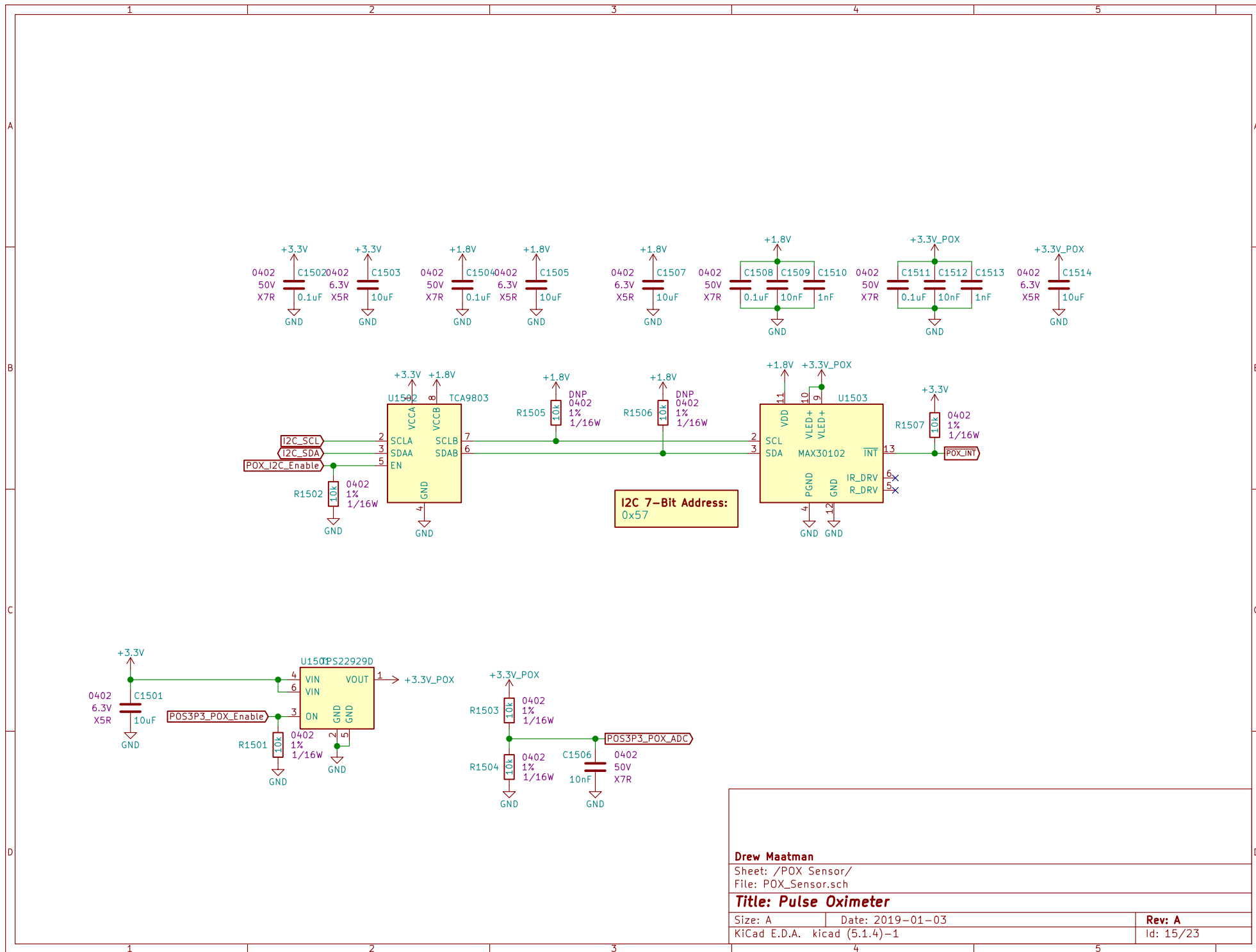
Drew Maatman

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

Title: Pulse Oximeter

Size: A Date: 2019-01-03
KiCad E.D.A. kicad (5.1.4)-1

Rev: A
Id: 14/23



Drew Maatman

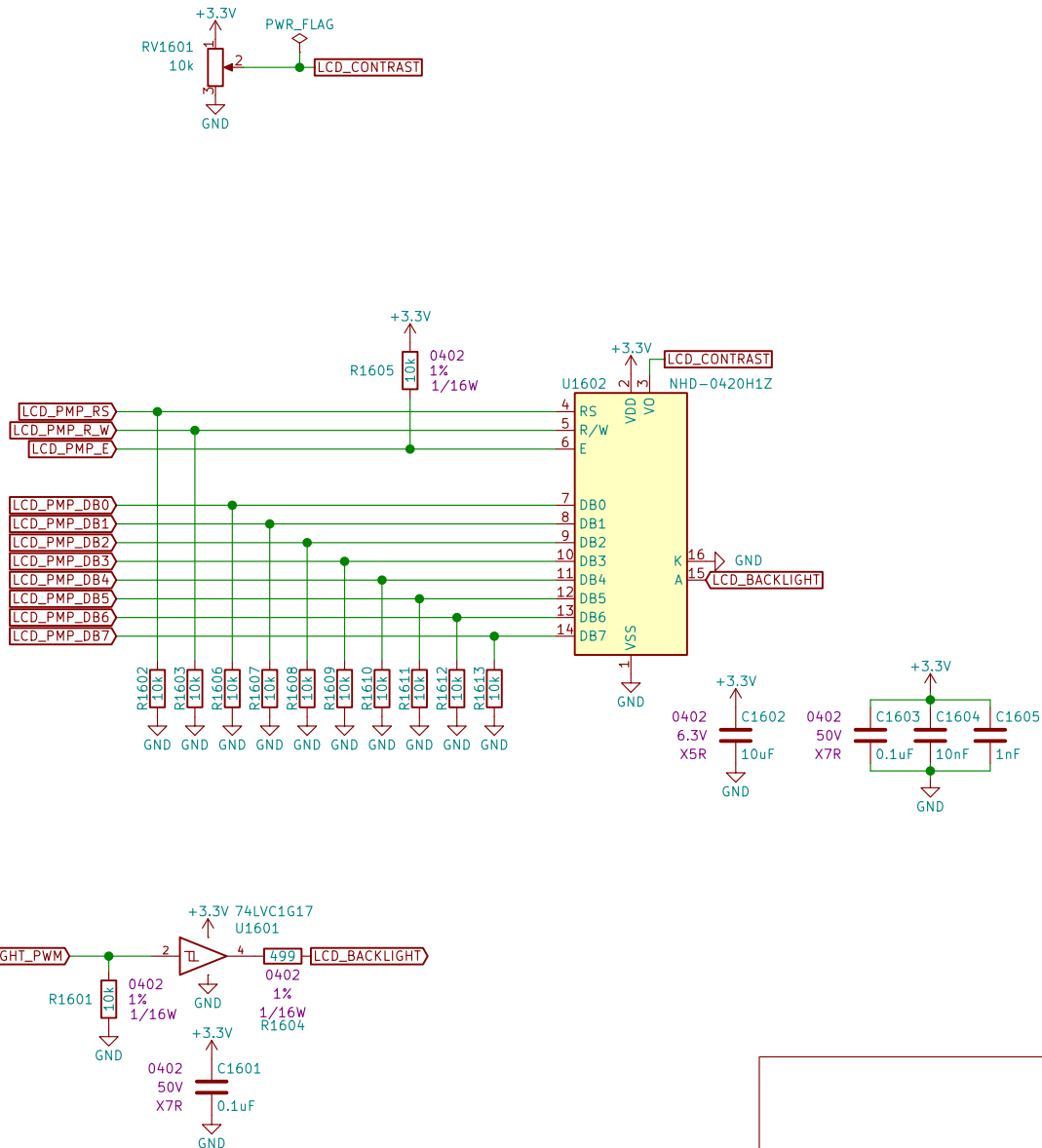
Sheet: /POX Sensor/
File: POX_Sensor.sch

Title: Pulse Oximeter

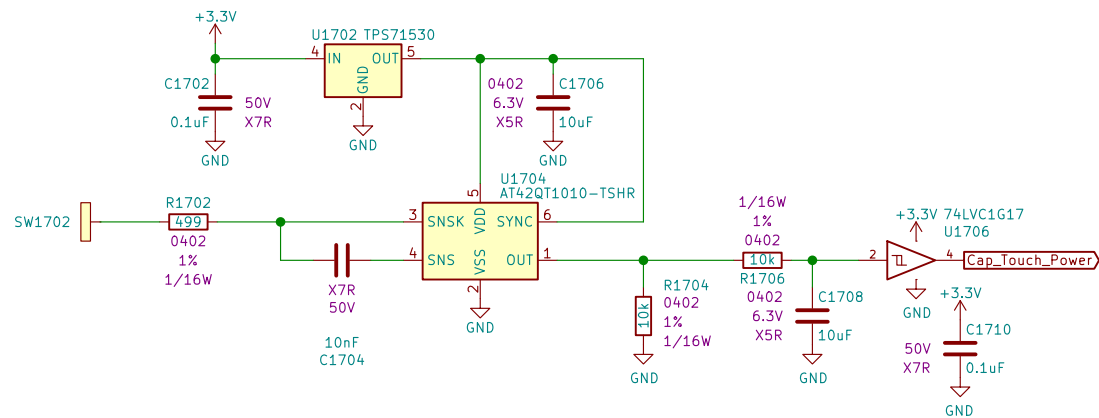
Size: A Date: 2019-01-03

KiCad E.D.A. kicad (5.1.4)-1

Rev: A
Id: 15/23



Drew Maatman		
Sheet: /Display/		
File: Display.sch		
Title: Pulse Oximeter		
Size: A	Date: 2019-01-03	Rev: A
KiCad E.D.A. kicad (5.1.4)-1		Id: 16/23



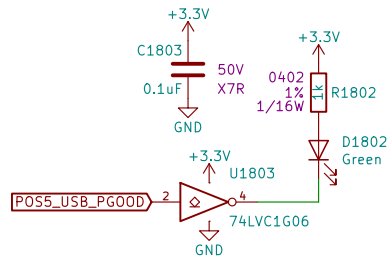
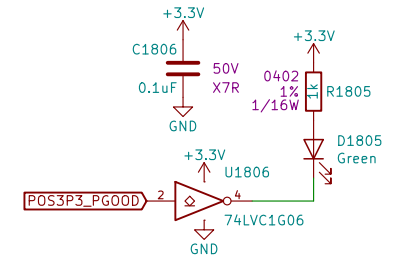
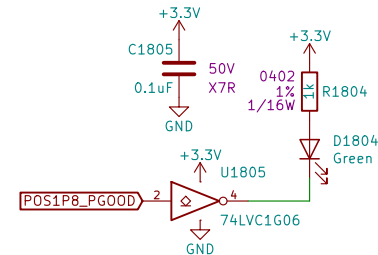
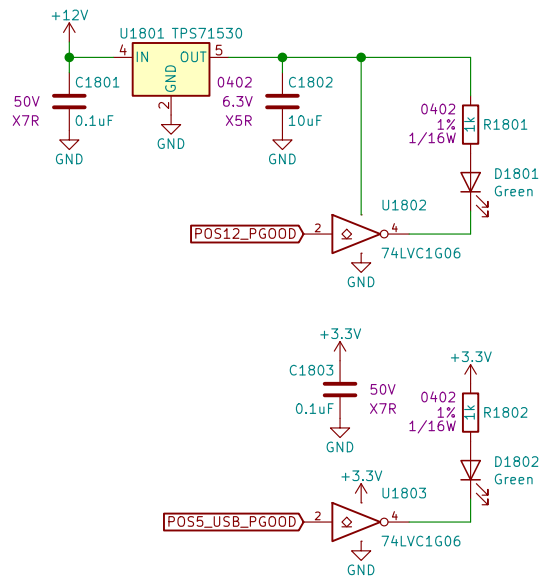
Drew Maatman

Sheet: /Pushbuttons/
File: Pushbuttons.sch

Title: Pulse Oximeter

Size: A Date: 2019-01-03
KiCad E.D.A. kicad (5.1.4)-1

Rev: A
Id: 17/23



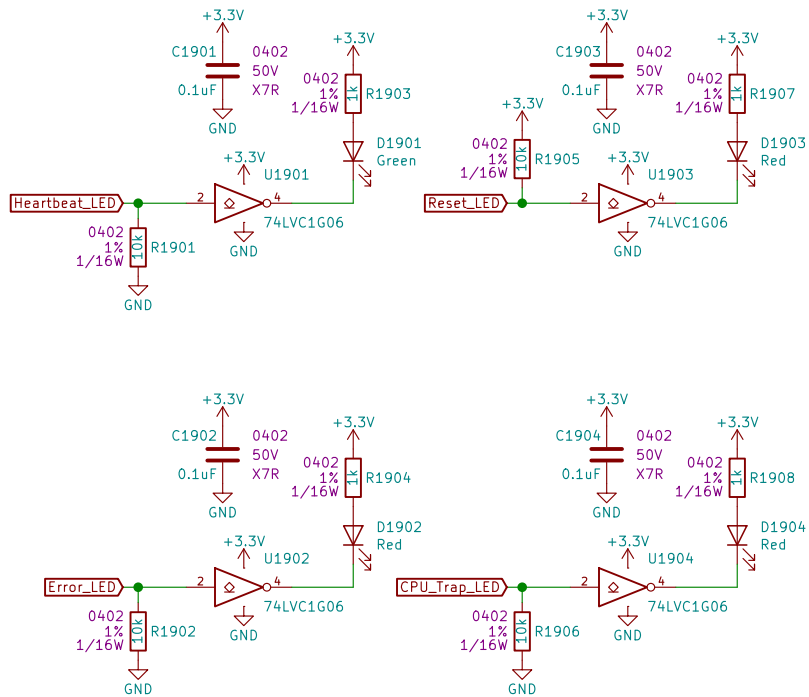
Drew Maatman

Sheet: /PGOOD LEDs/
File: PGOOD_LEDs.sch

Title: Pulse Oximeter

Size: A Date: 2019-01-03
KiCad E.D.A. kicad (5.1.4)-1

Rev: A
Id: 18/23



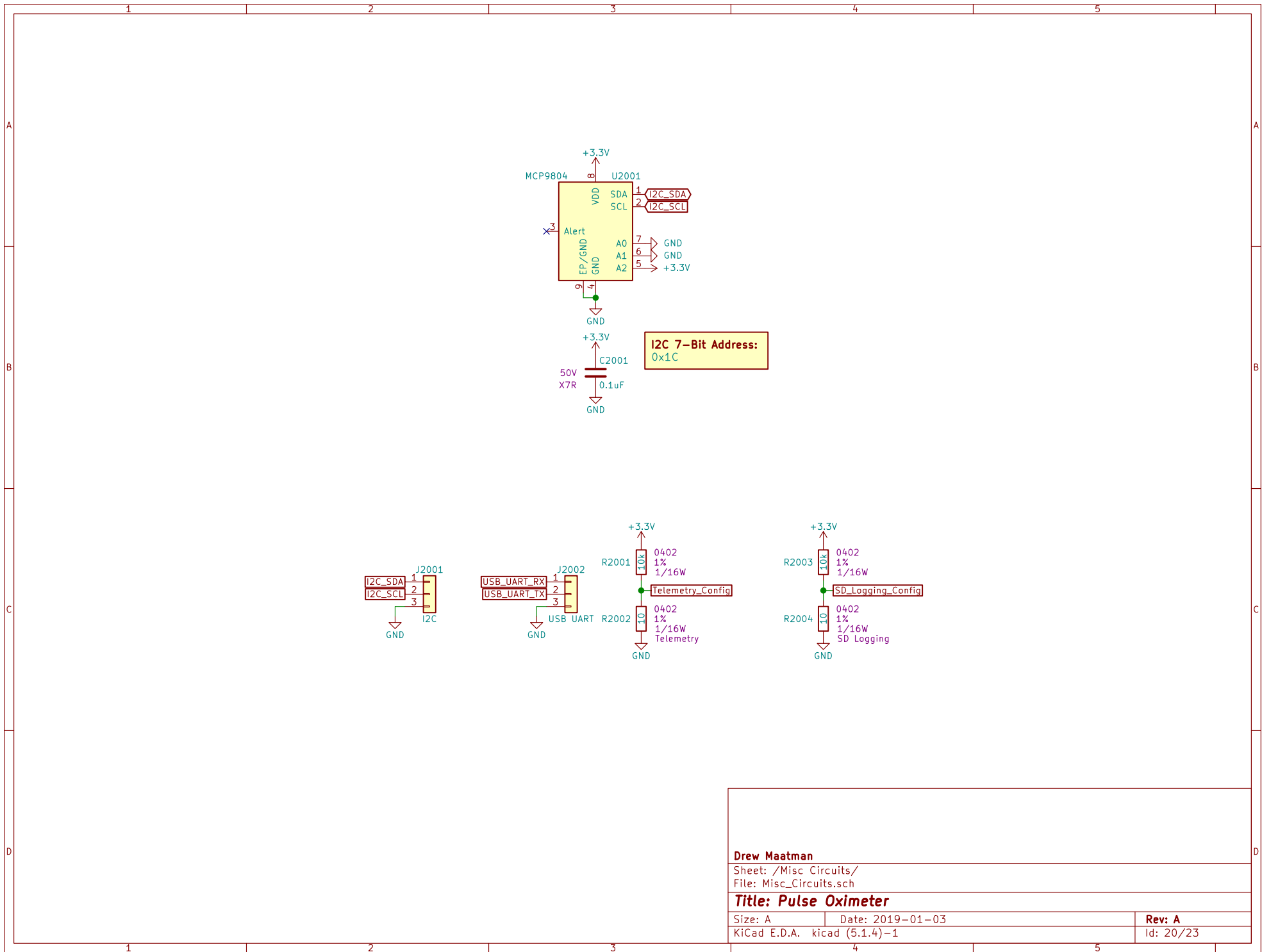
Drew Maatman

Sheet: /Status_LEDs/
File: Status_LEDs.sch

Title: Pulse Oximeter

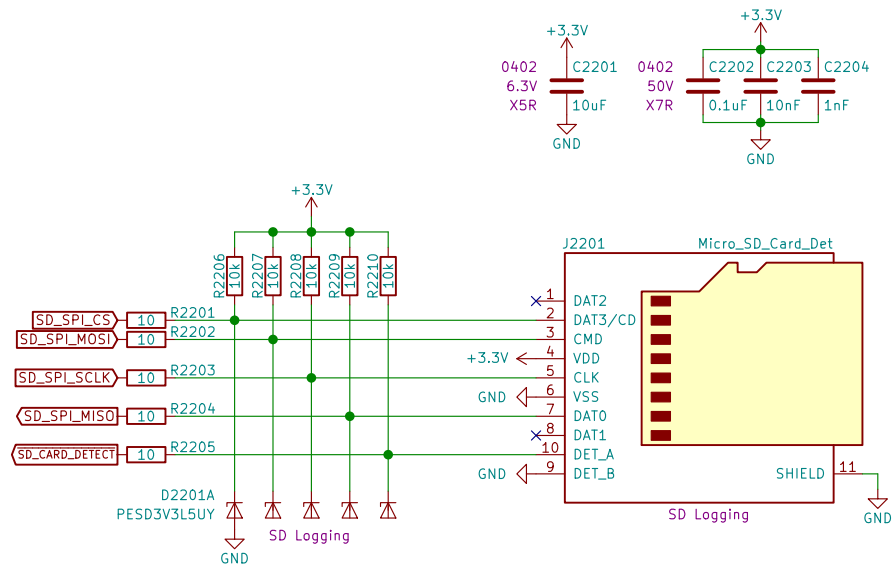
Size: A Date: 2019-01-03
KiCad E.D.A. kicad (5.1.4)-1

Rev: A
Id: 19/23





Rev: A
Id: 21/23



Drew Maatman

Sheet: /SD Card Slot/
File: SD_Card_Slot.sch

Title: Pulse Oximeter

Size: A Date: 2019-01-03
KiCad E.D.A. kicad (5.1.4)-1

Rev: A
Id: 22/23

