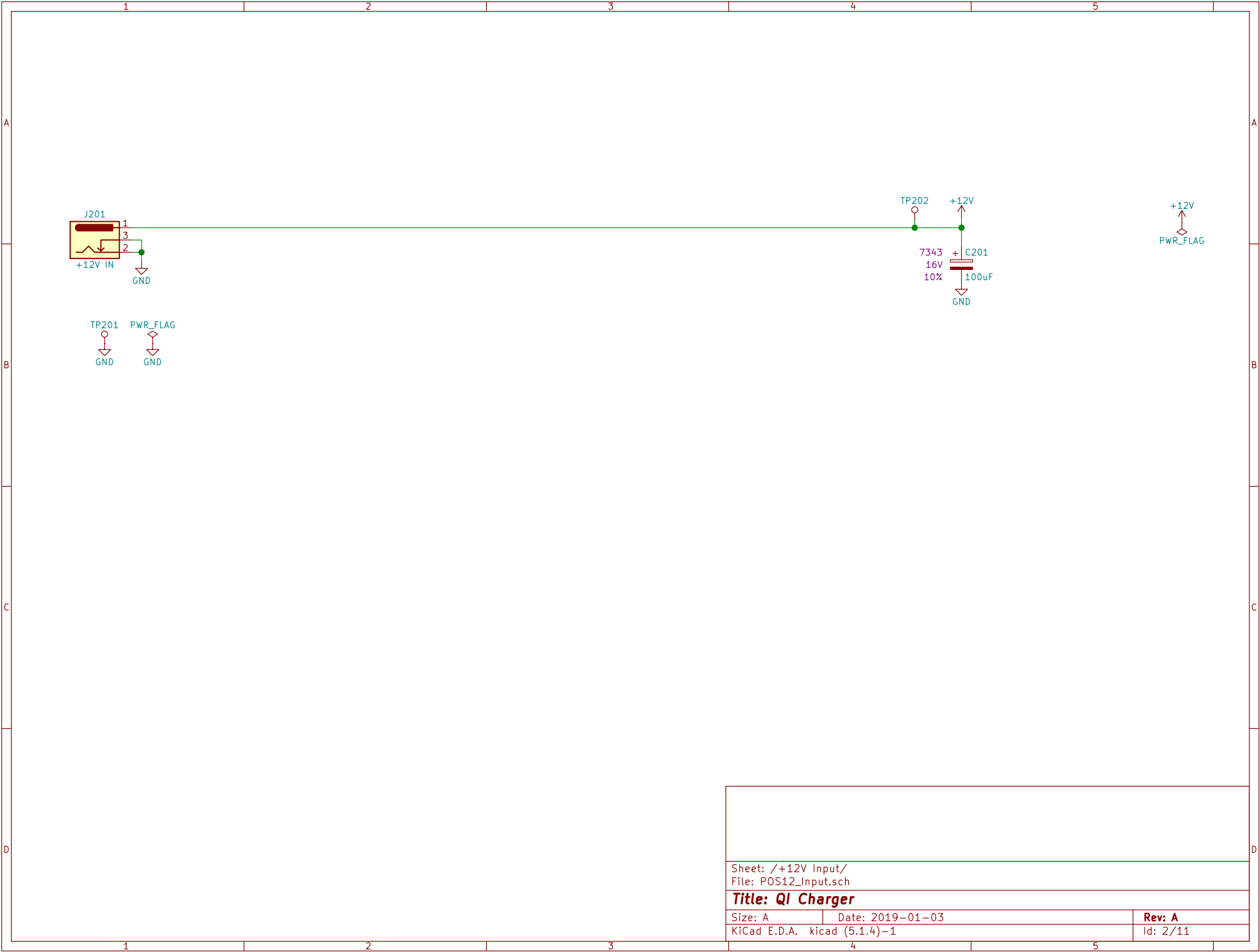
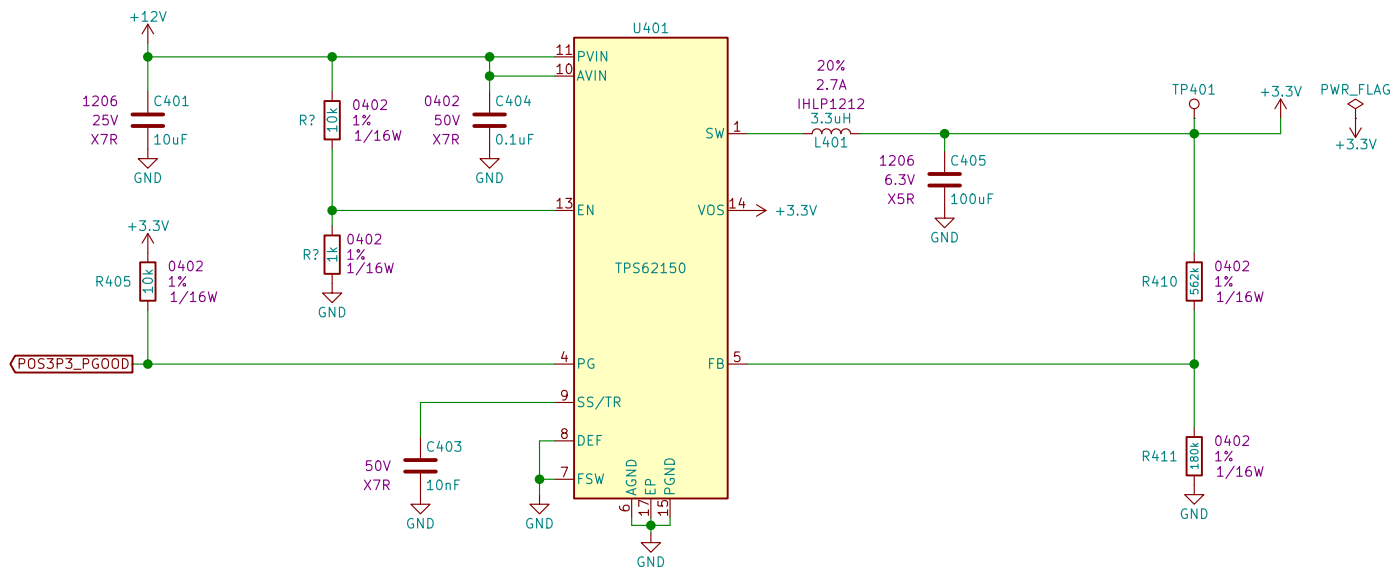


1	2	3	4	5																					
A	<div>Sheet: +12V Input File: POS12_Input.sch Sheet: +3.3V Power Supply File: POS3P3_Power_Supply.sch Sheet: PIC32MZ Programming File: PIC32MZ_Programming.sch Sheet: PIC32MZ Clocking File: PIC32MZ_Clocking.sch Sheet: PIC32MZ Bypass File: PIC32MZ_Bypass.sch Sheet: PIC32MZ File: PIC32MZ.sch Sheet: USB_UART Bridge File: USB_UART_Bridge.sch Sheet: PG000 LEDs File: PG000_LEDs.sch Sheet: Status LEDs File: Status_LEDs.sch Sheet: TFT Screen File: TFT_Screen.sch</div>				A																				
B					B																				
C					C																				
D	<div></div> <table><tr><td colspan="3">Sheet: / File: PIC32MZ_TFT_Demo.sch</td><td colspan="2" rowspan="2"></td></tr><tr><td colspan="5">Title:</td></tr><tr><td colspan="2">Size: A</td><td colspan="2">Date:</td><td>Rev:</td></tr><tr><td colspan="2">KiCad E.D.A. kicad (5.1.4)-1</td><td colspan="2"></td><td>Id: 1/11</td></tr></table>				Sheet: / File: PIC32MZ_TFT_Demo.sch					Title:					Size: A		Date:		Rev:	KiCad E.D.A. kicad (5.1.4)-1				Id: 1/11	D
Sheet: / File: PIC32MZ_TFT_Demo.sch																									
Title:																									
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KiCad E.D.A. kicad (5.1.4)-1				Id: 1/11																					
1	2	3	4	5																					

Add Mechanical S



Sheet: /+12V Input/ File: POS12_Input.sch		
<b>Title: Qi Charger</b>		
Size: A	Date: 2019-01-03	Rev: A
KiCad E.D.A. kicad (5.1.4)-1		Id: 2/11



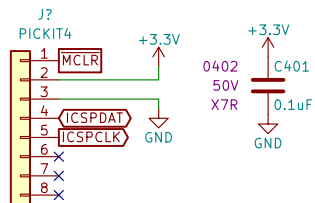
Drew Maatman

Sheet: /+3.3V Power Supply/  
File: POS3P3\_Power\_Supply.sch

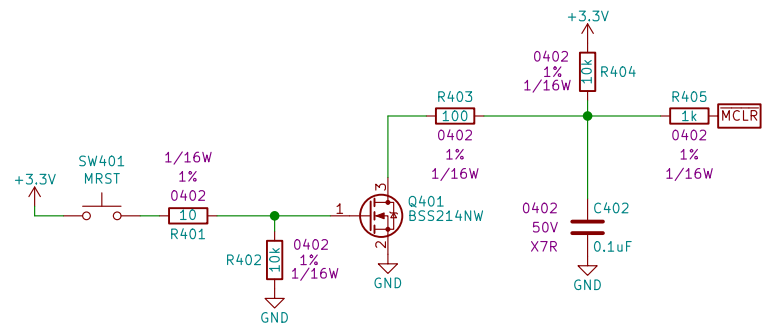
**Title: Pulse Oximeter**

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

Rev: A  
Id: 3/11



Component Setting  
 Oscillator: OSC bits set properly  
 Power: Supplied by target  
 WDT: Disabled (device dependent)  
 Code-Protect: Disabled  
 Table Read Protect: Disabled  
 LVP: Disabled  
 BOD: Vdd > BOD Vdd min.  
 JTAG: Disabled  
 AVdd and AVss Must be connected  
 PGCx/PGDx Proper channel selected, if applicable  
 Programming Vdd voltage levels meet programming spec



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Sheet: /PIC32MZ Programming/  
 File: PIC32MZ\_Programming.sch

**Title: VFD Clock**

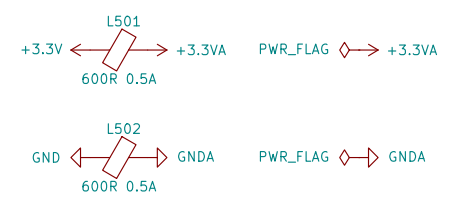
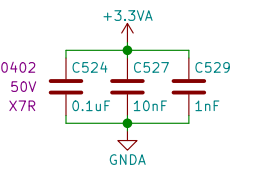
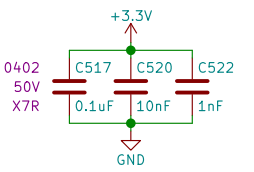
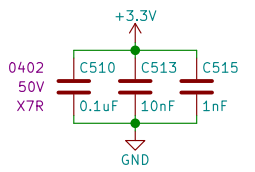
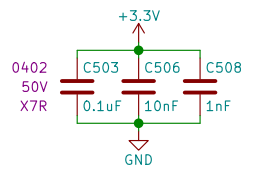
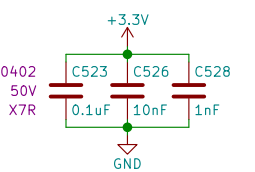
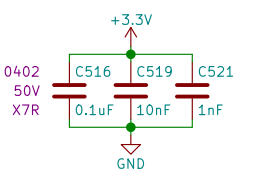
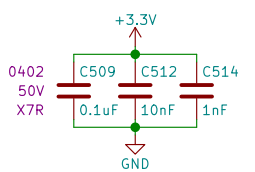
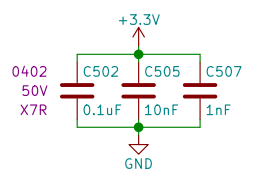
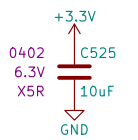
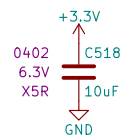
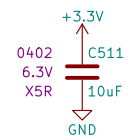
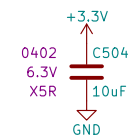
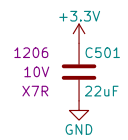
Size: A Date: 2019-04-11

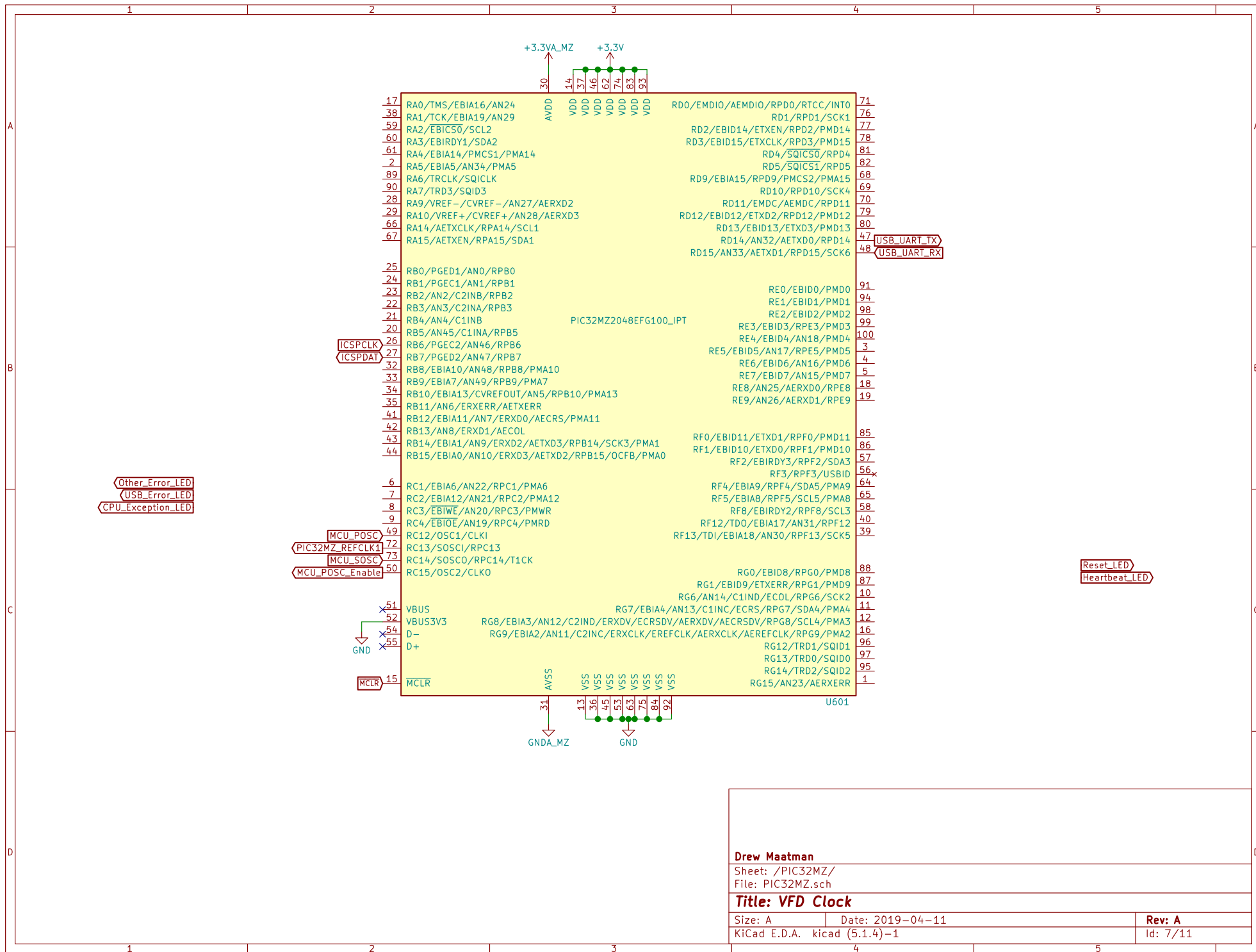
KiCad E.D.A. kicad (5.1.4)-1

**Rev: A**

Id: 4/11







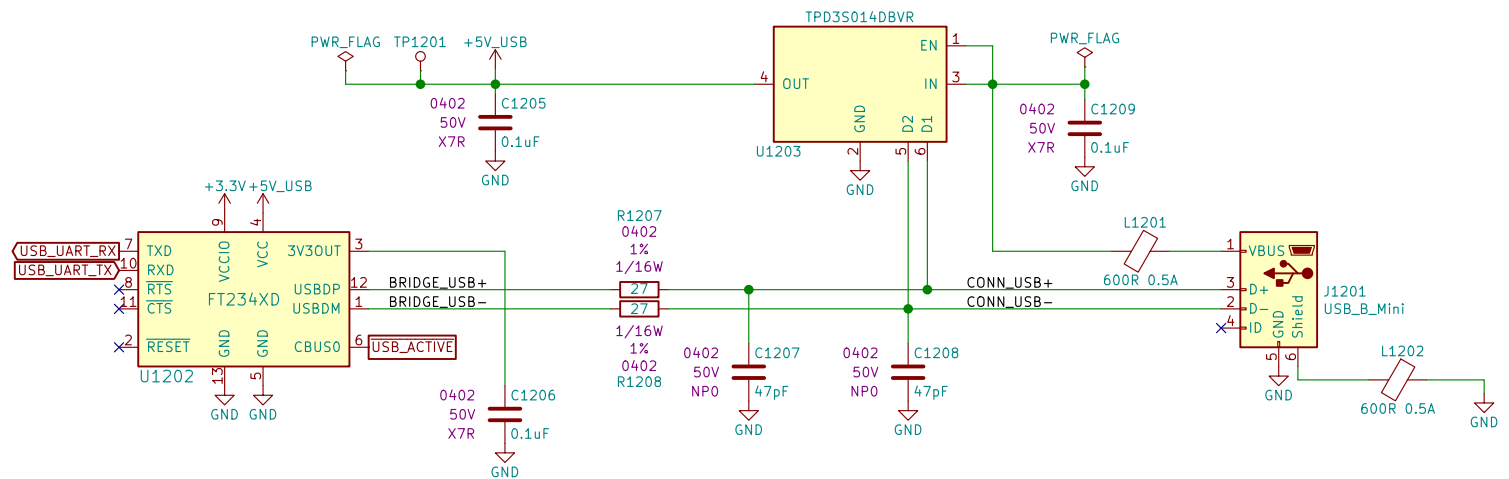
Drew Maatman

Sheet: /PIC32MZ/  
File: PIC32MZ.sch

Title: VFD Clock

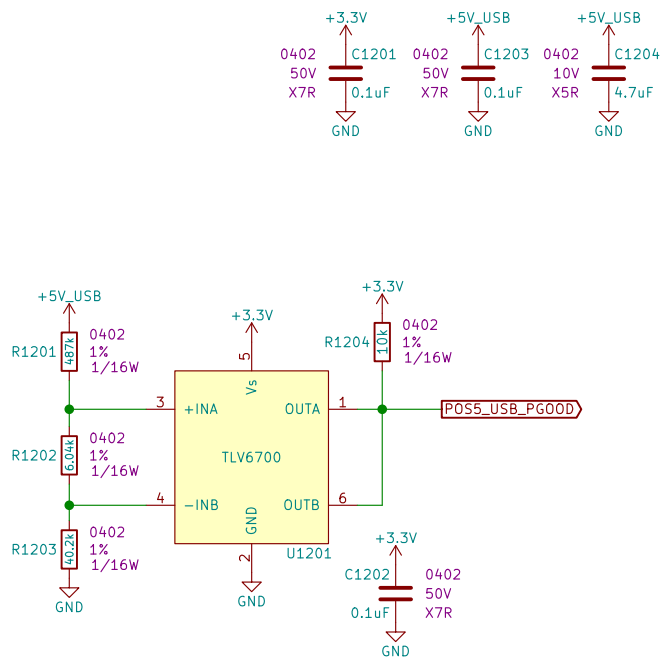
Size: A Date: 2019-04-11  
KiCad E.D.A. kicad (5.1.4)-1

Rev: A  
Id: 7/11



**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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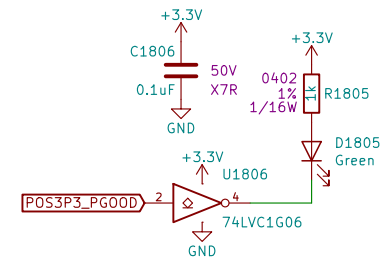
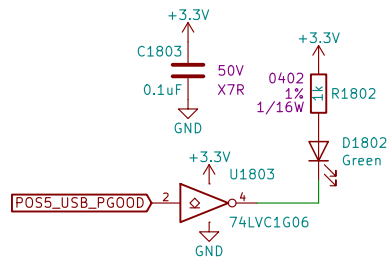
Sheet: /USB UART Bridge/  
File: USB\_UART\_Bridge.sch

**Title: Pulse Oximeter**

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

Rev: A  
Id: 8/11





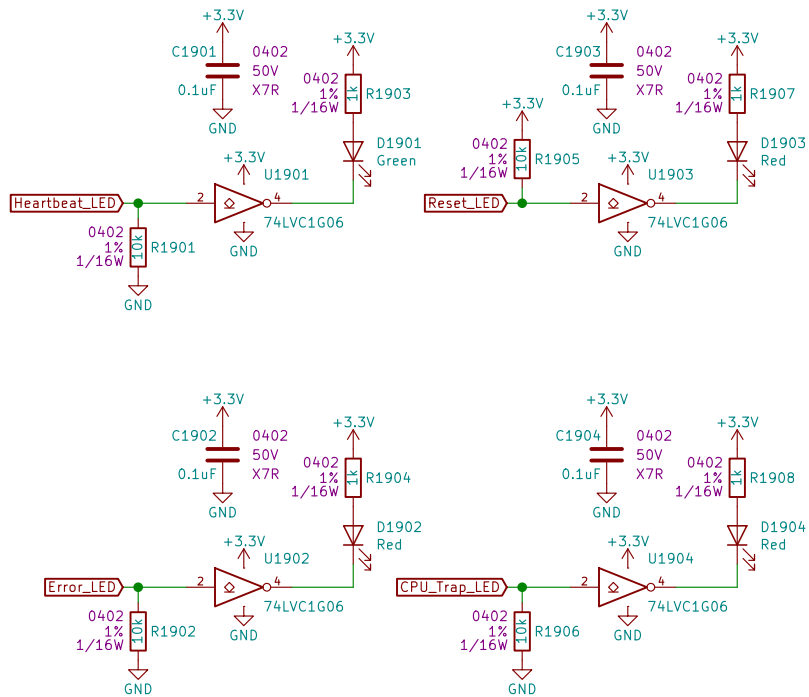
**Drew Maatman**

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: 9/11



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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: 10/11

