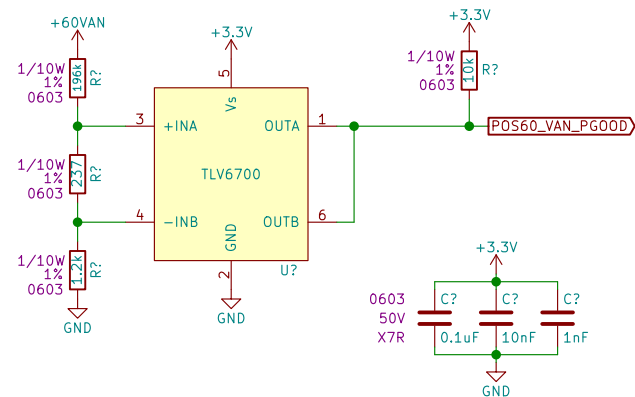
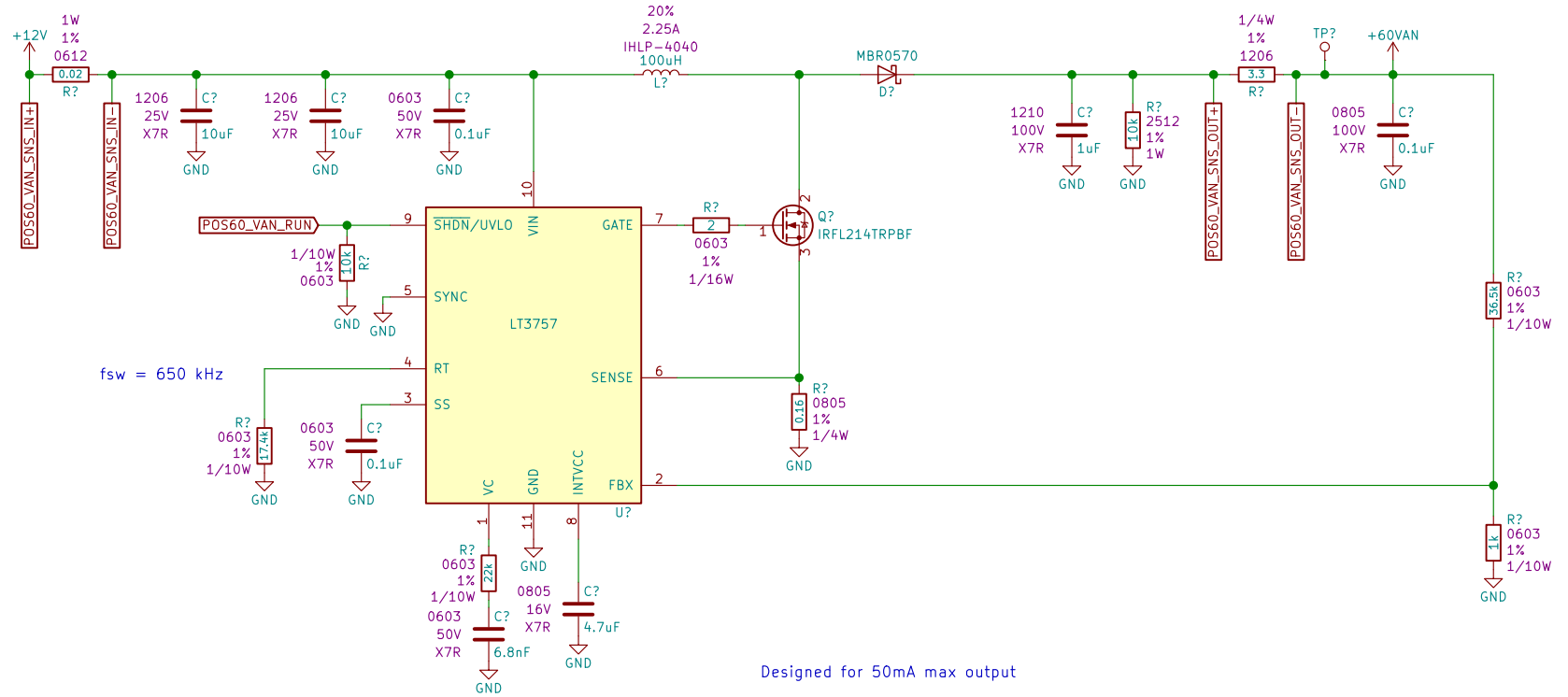


## Anode/Grid +60V, 50mA Power Supply



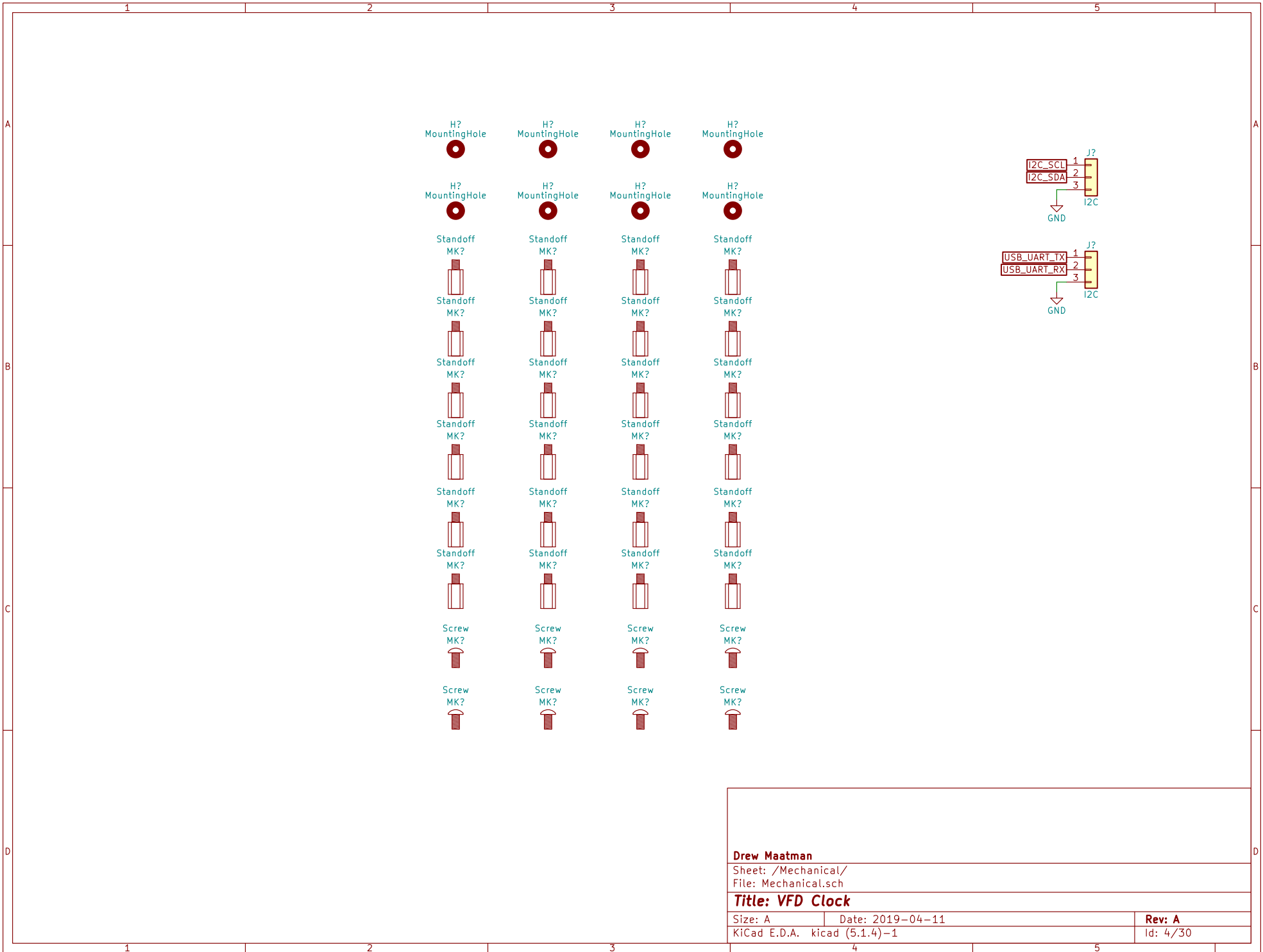
Drew Maatman

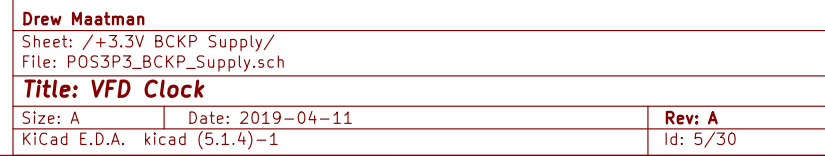
Sheet: //+60VAN Power Supply/  
File: POS60\_VAN\_Power\_Supply.sch

Title: VFD Clock

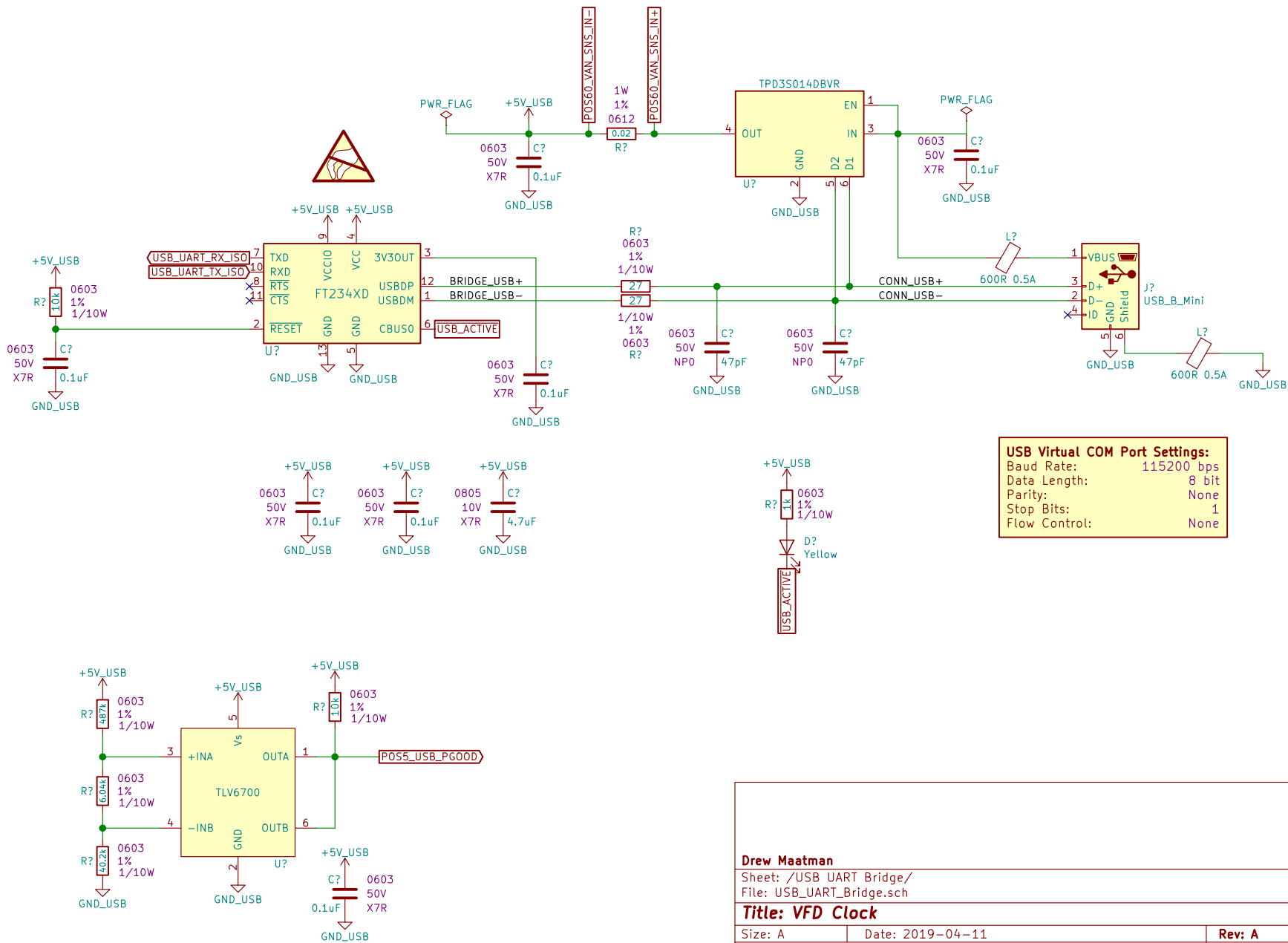
Size: A Date: 2019-04-11  
KiCad E.D.A. kicad (5.1.4)-1

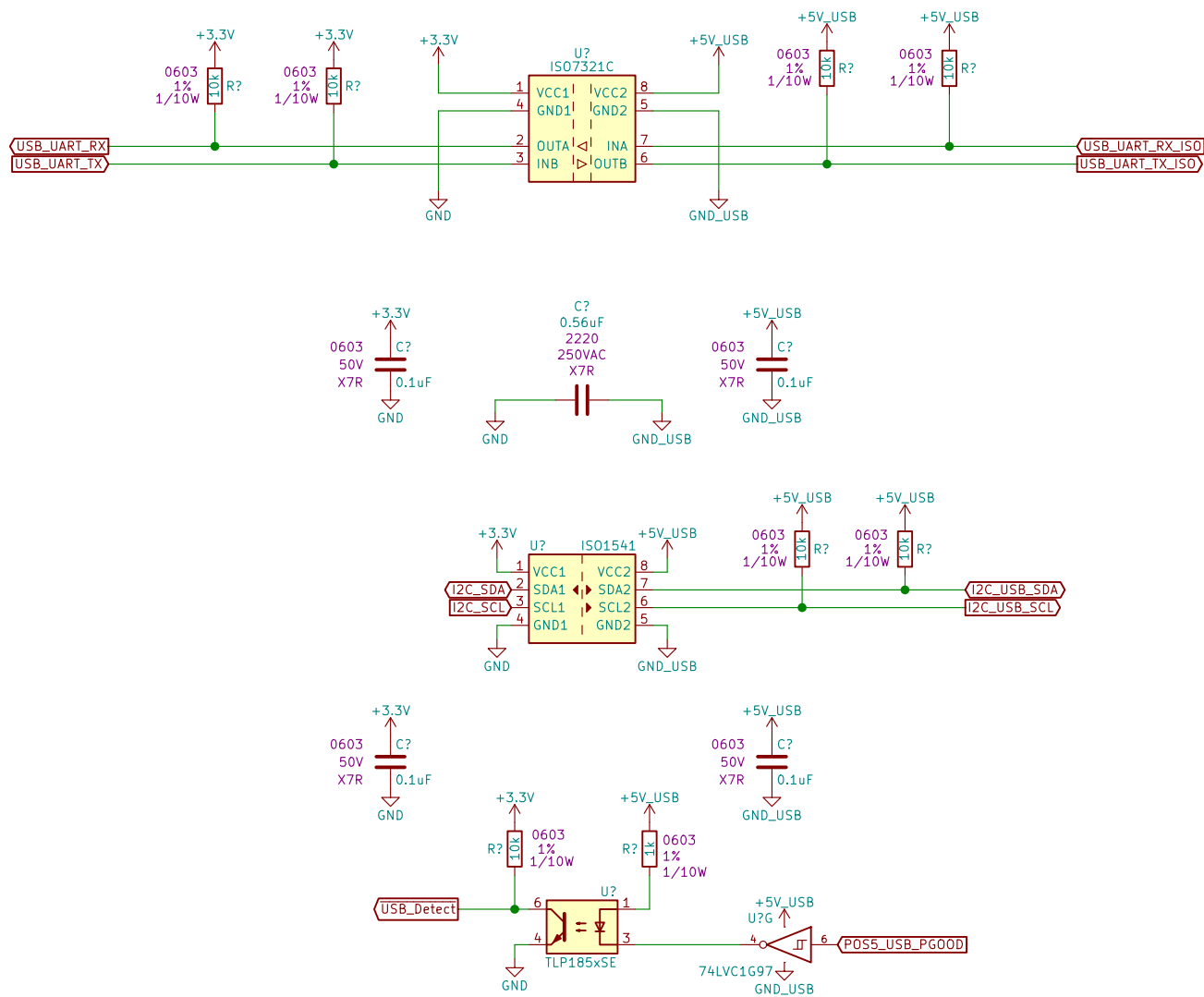
Rev: A  
Id: 3/30





## 11. USB UART Bridge





**Drew Maatman**

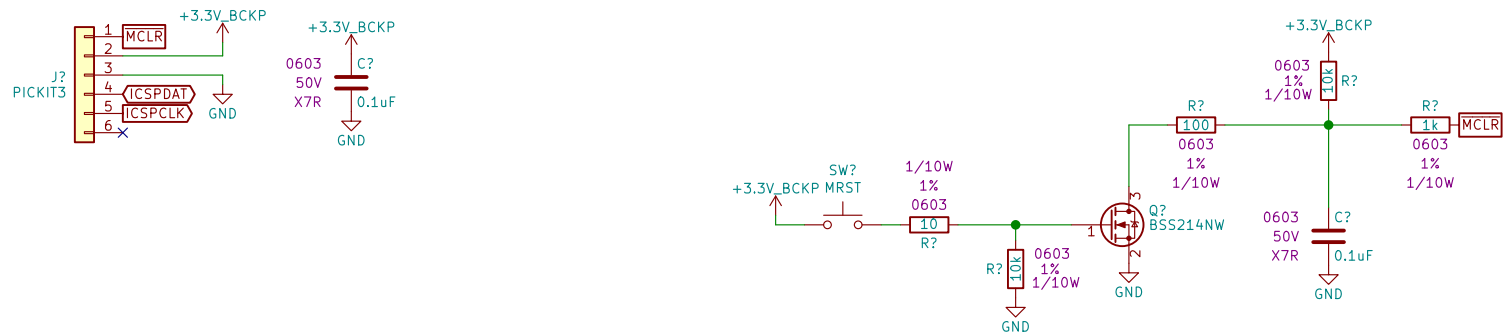
Sheet: /USB UART Isolation/  
File: USB\_UART\_Isolation.sch

**Title: VFD Clock**

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

**Rev: A**  
Id: 7/30

## Microcontroller Programming



**Drew Maatman**

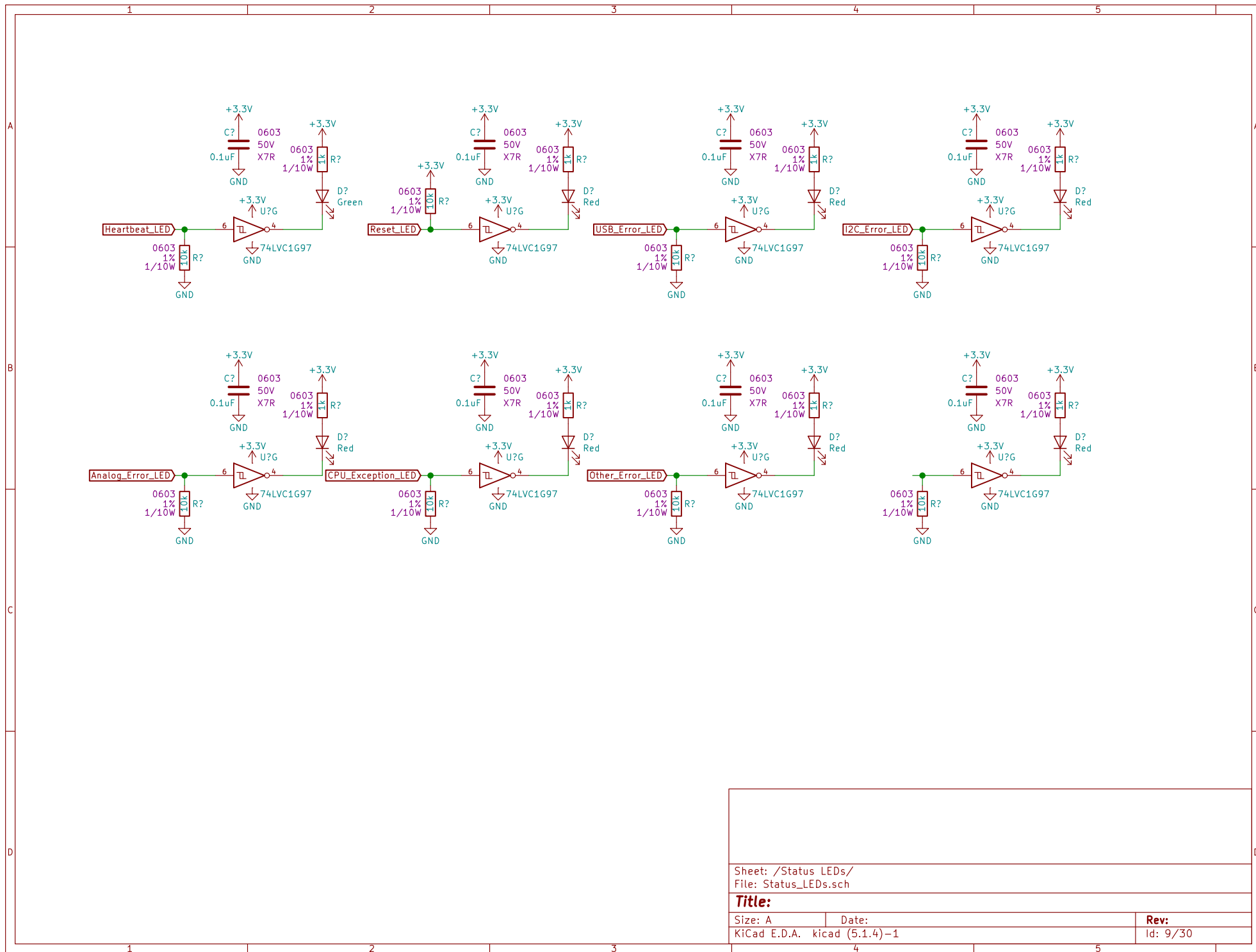
Sheet: /Microcontroller Programming/  
File: Microcontroller\_Programming.sch

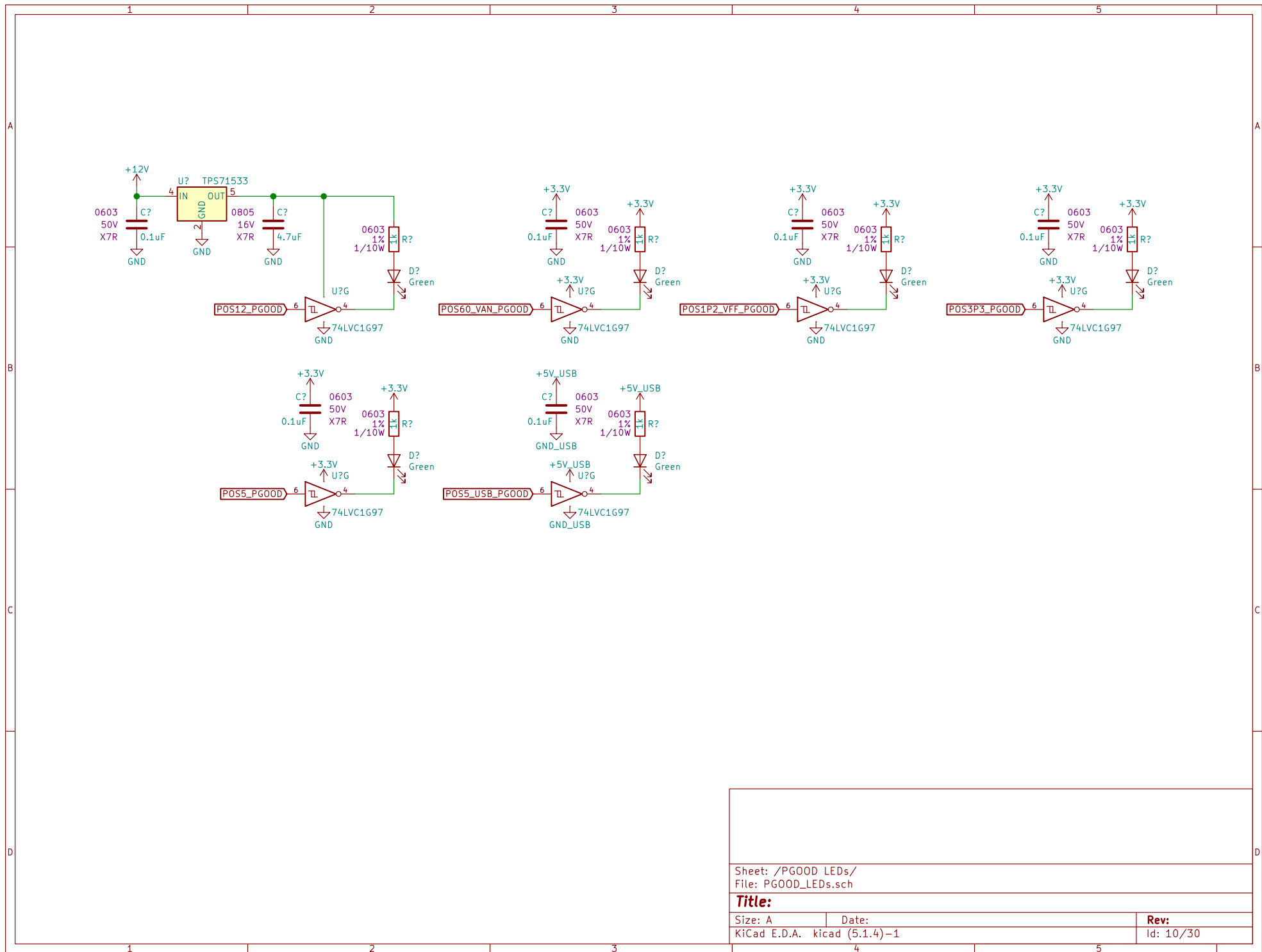
**Title: VFD Clock**

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

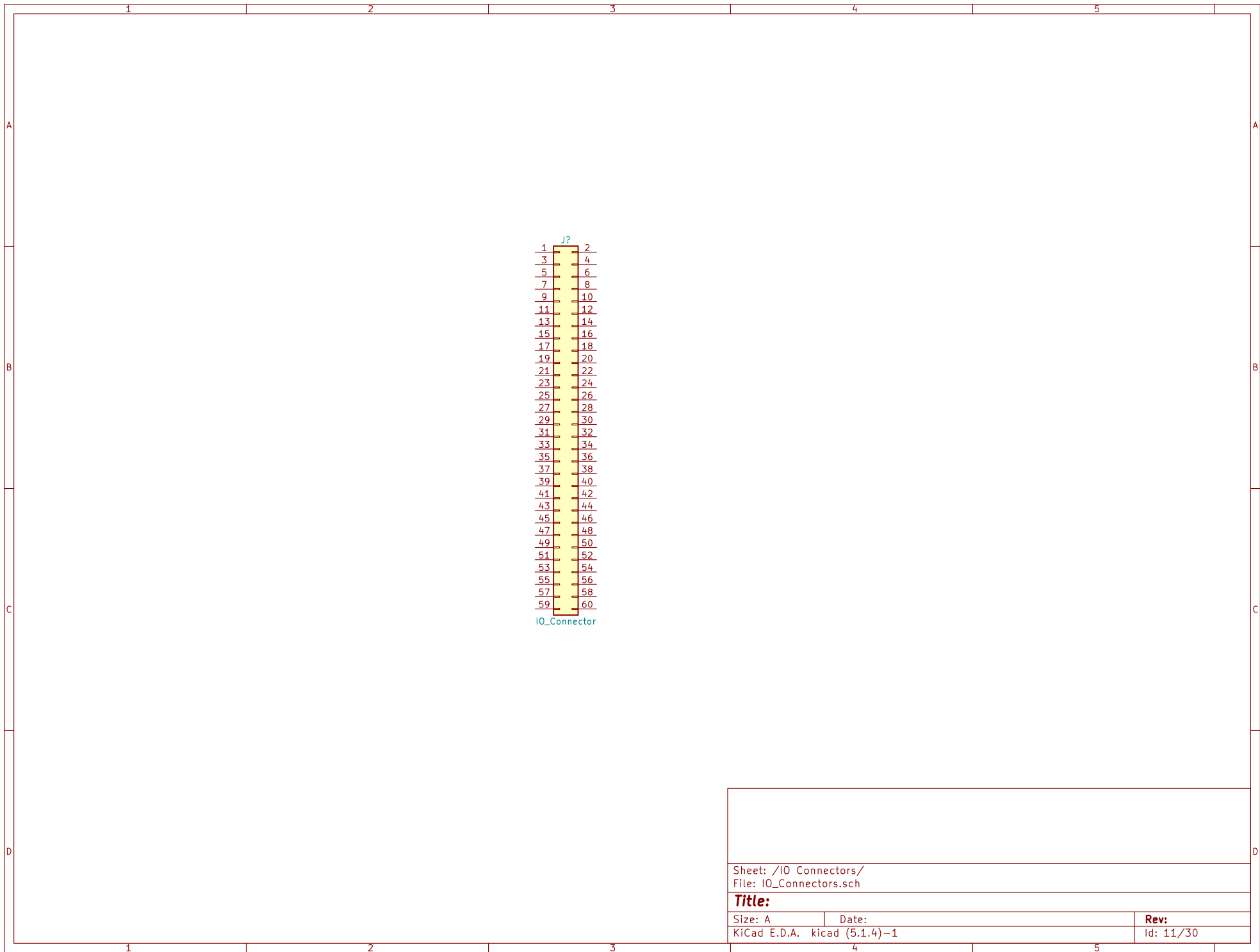
Rev: A  
Id: 8/30



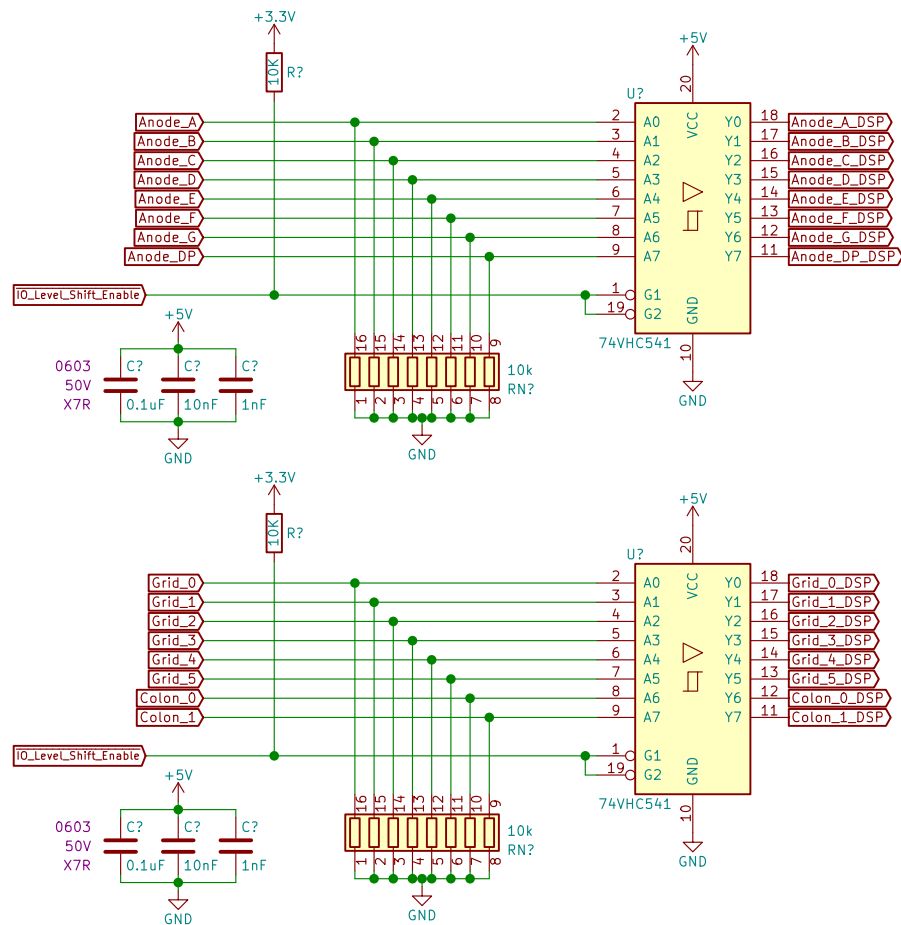




Sheet: /PGOOD LEDs/ File: PGOOD_LEDs.sch		
<b>Title:</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 10/30



# I/O Buffers



Marquette University Senior Design 2018/2019 Group E44

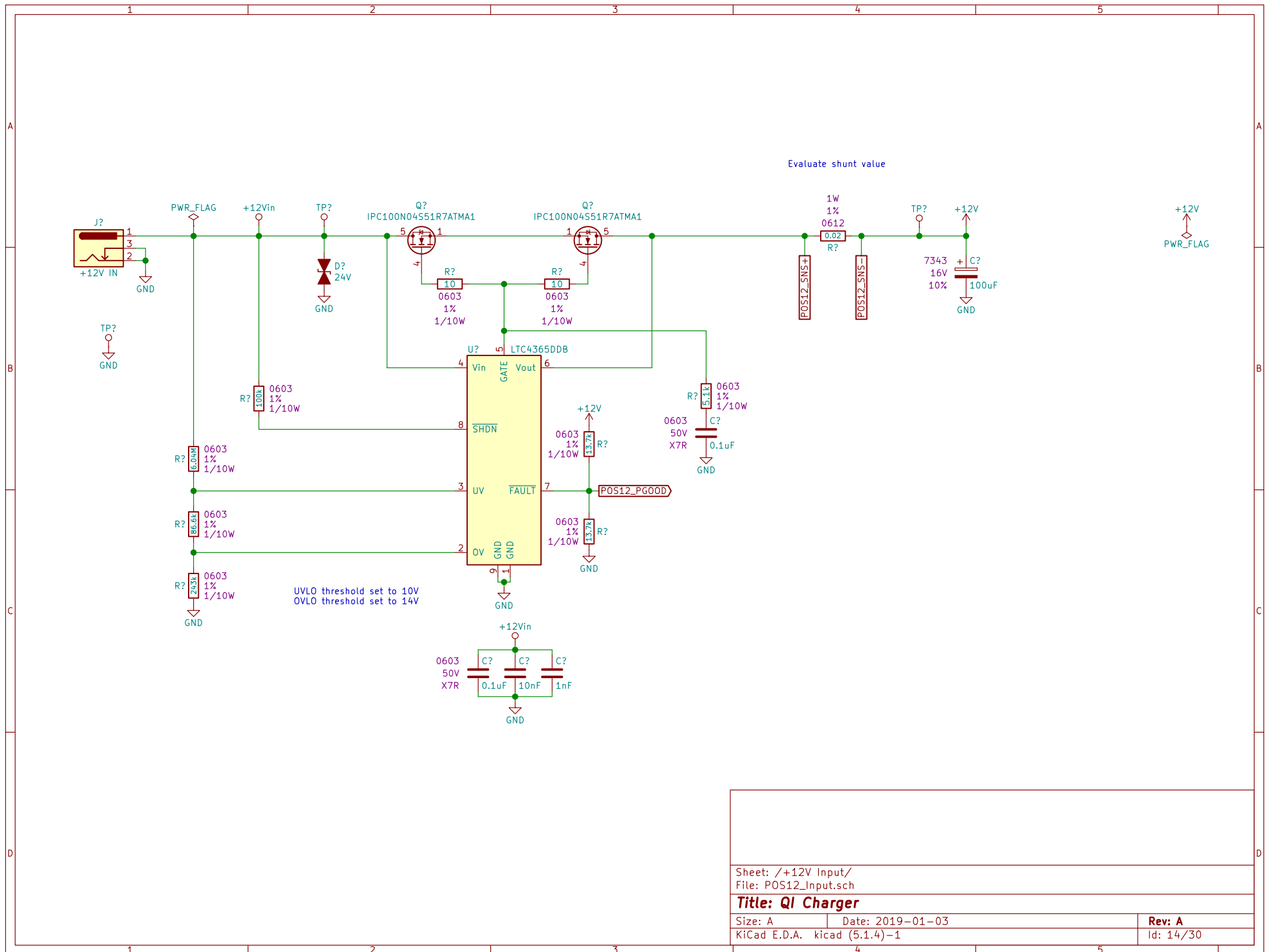
Sheet: /IO Buffers 1/  
File: IO\_Buffers\_1.sch

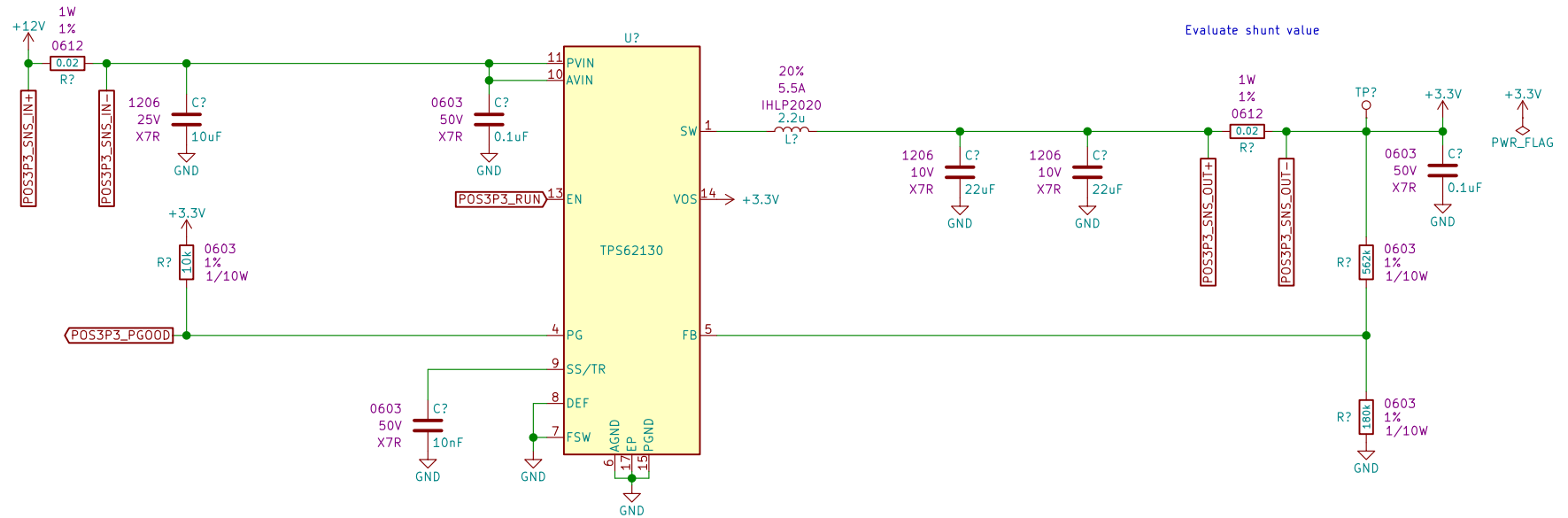
**Title: Electronic Display Logic Board**

Size: A Date: 2018-12-15  
KiCad E.D.A. kicad (5.1.4)-1

Rev: A  
Id: 12/30





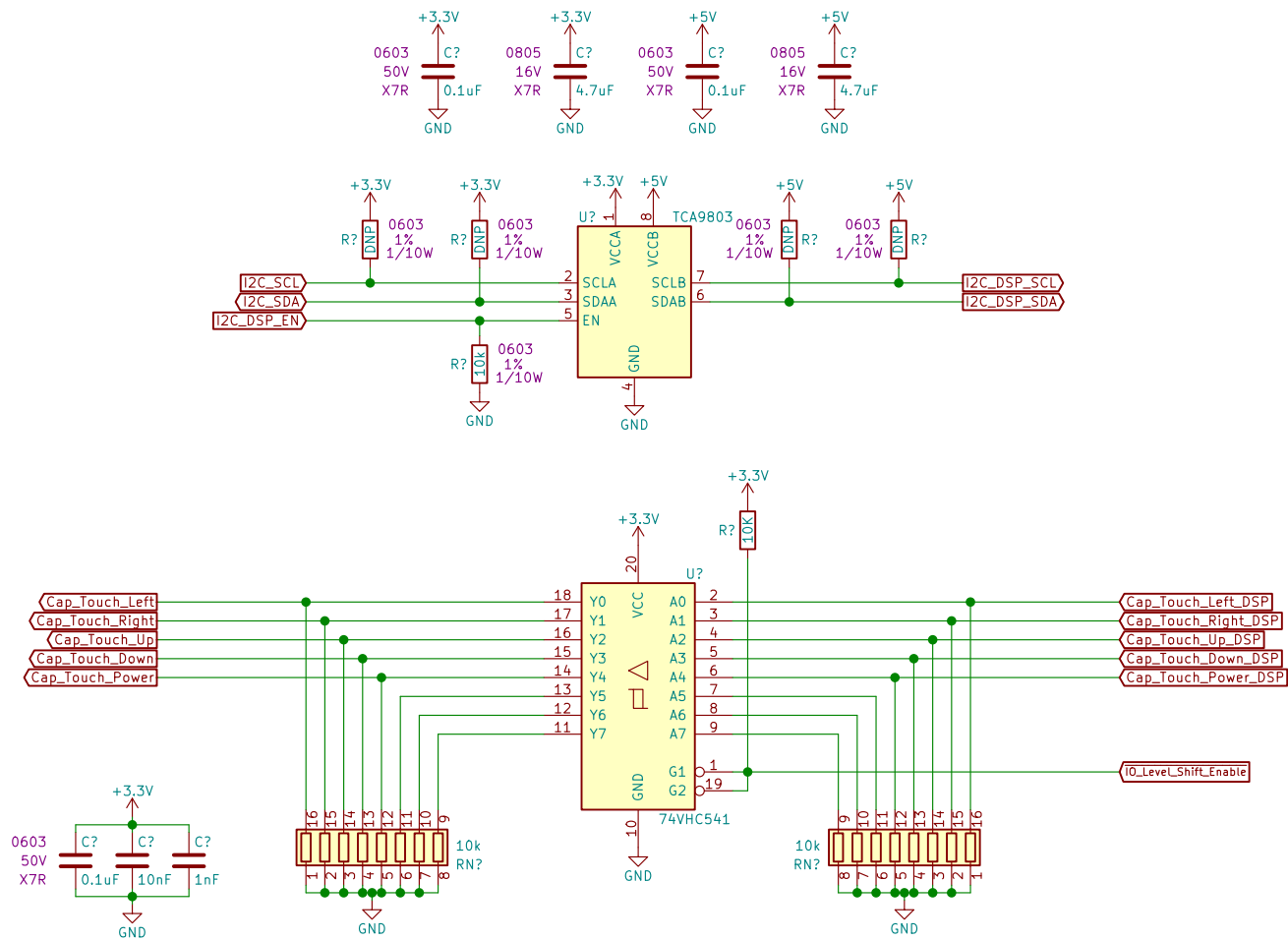


Sheet: /+3.3V Power Supply/  
File: POS3P3\_Power\_Supply.sch

# **Title: QI Charger**

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

Rev: A  
Id: 15/30



Sheet: /IO Buffers 2/  
File: IO\_Buffers\_2.sch

**Title:**

Size: A

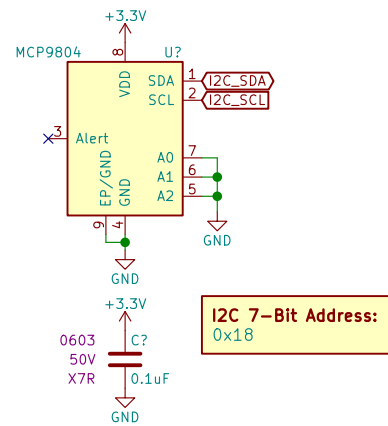
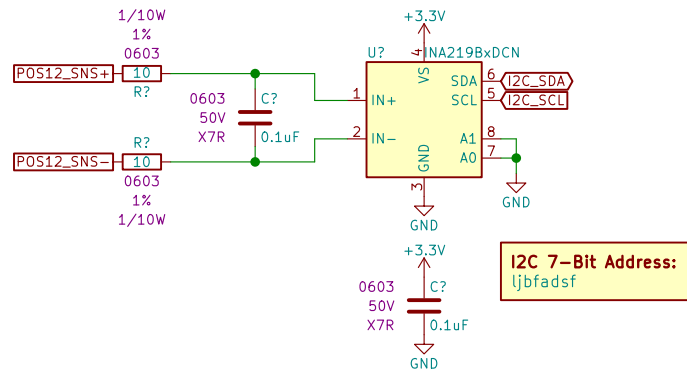
Date:

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

**Rev:**

Id: 16/30





Sheet: /+12V Telemetry/  
File: POS12\_Telemetry.sch

**Title:**

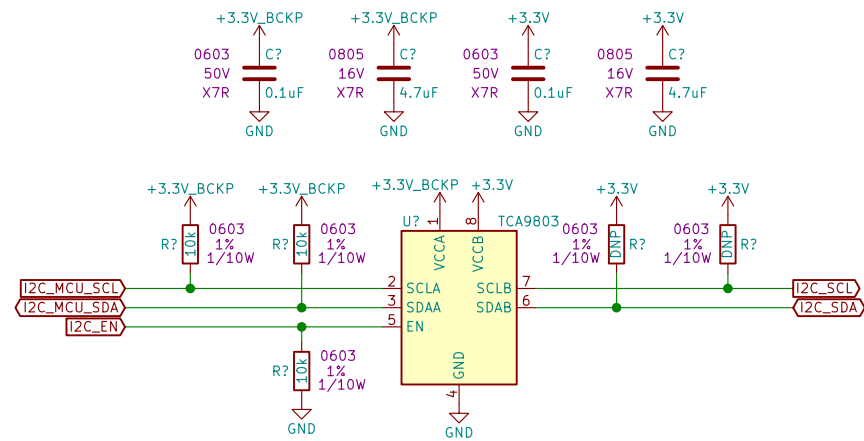
Size: A

Date:

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

**Rev:**

Id: 17/30



Sheet: /I2C Buffer/  
File: I2C\_Buffer.sch

**Title:**

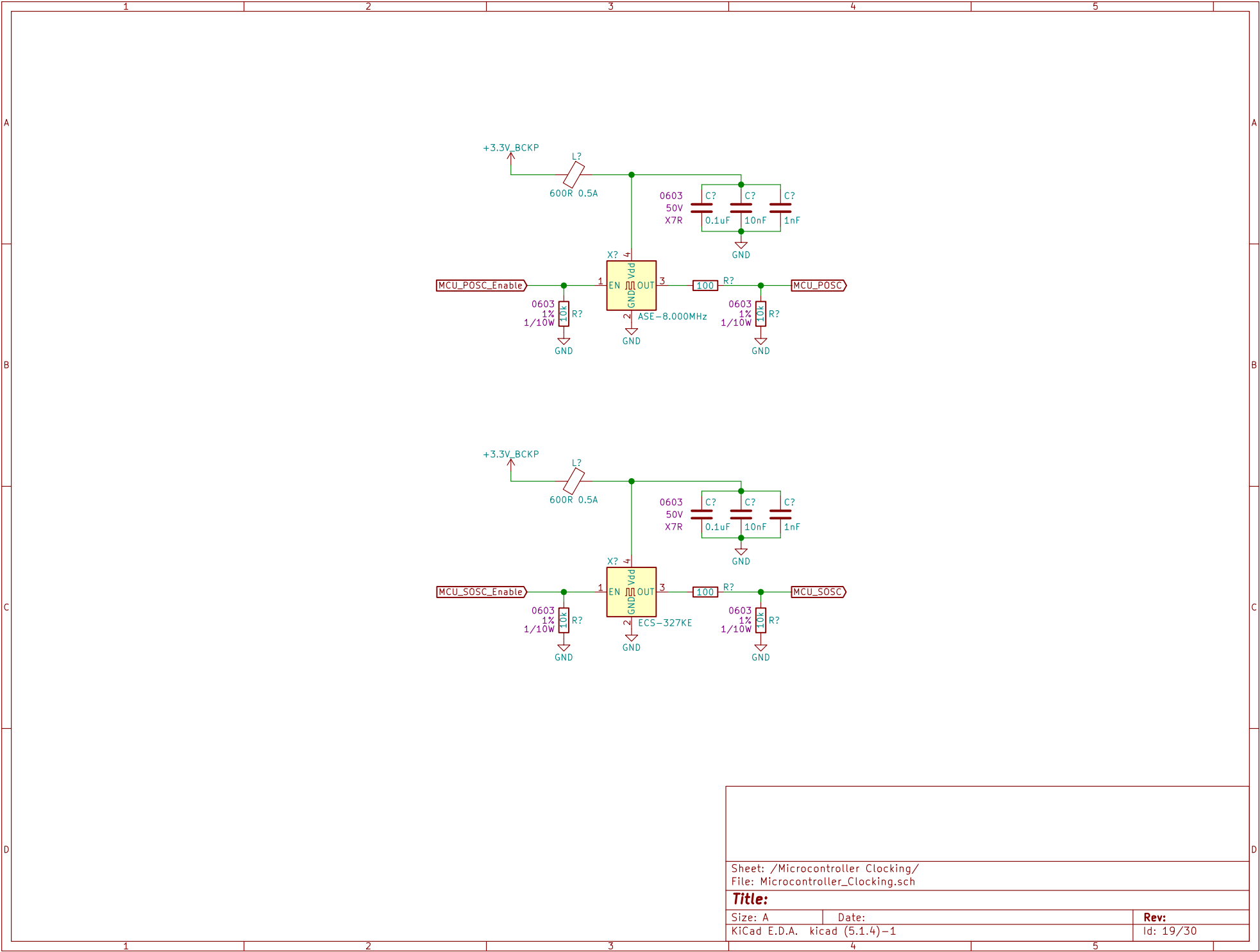
Size: A

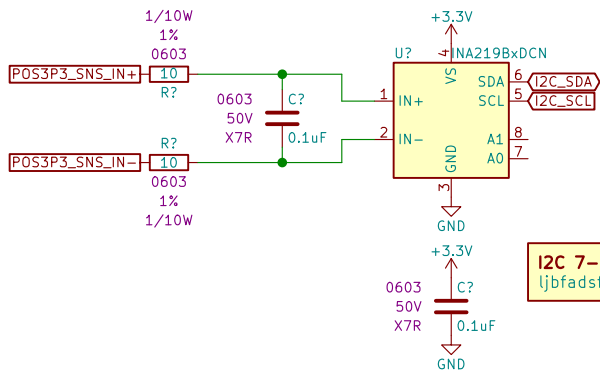
Date:

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

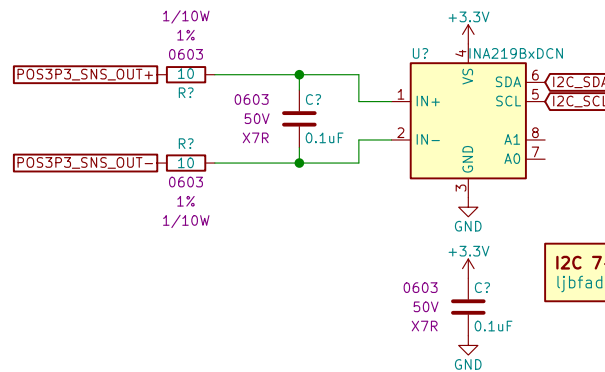
**Rev:**

Id: 18/30

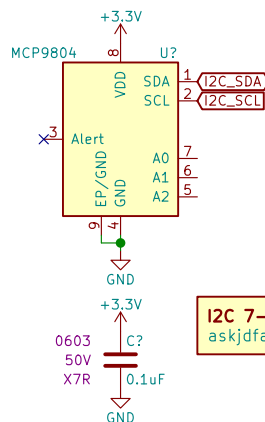




I2C 7-Bit Address:  
ljbfadsf



I2C 7-Bit Address:  
ljbfadsf



I2C 7-Bit Address:  
askjdfasdf

Sheet: /+3.3V Telemetry/  
File: POS3P3\_Telemetry.sch

**Title:**

Size: A

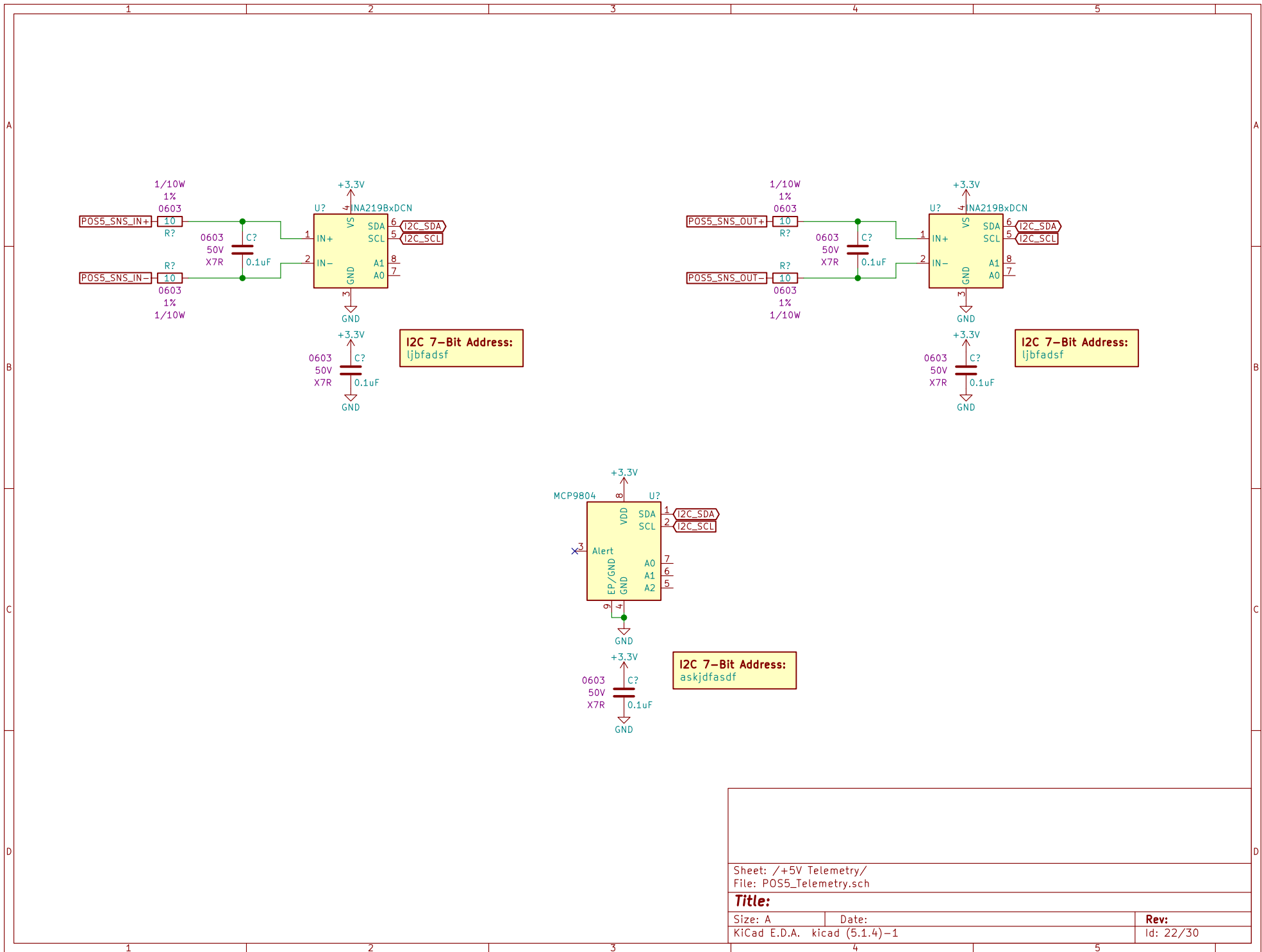
Date:

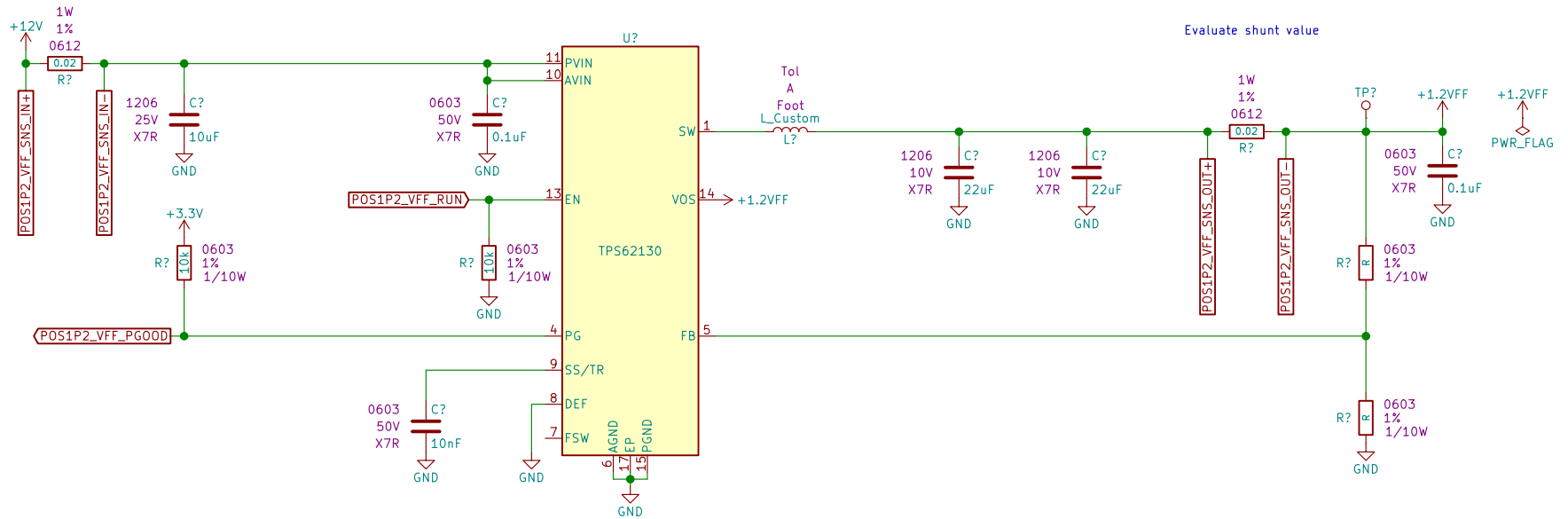
KiCad E.D.A. kicad (5.1.4)-1

**Rev:**

Id: 20/30





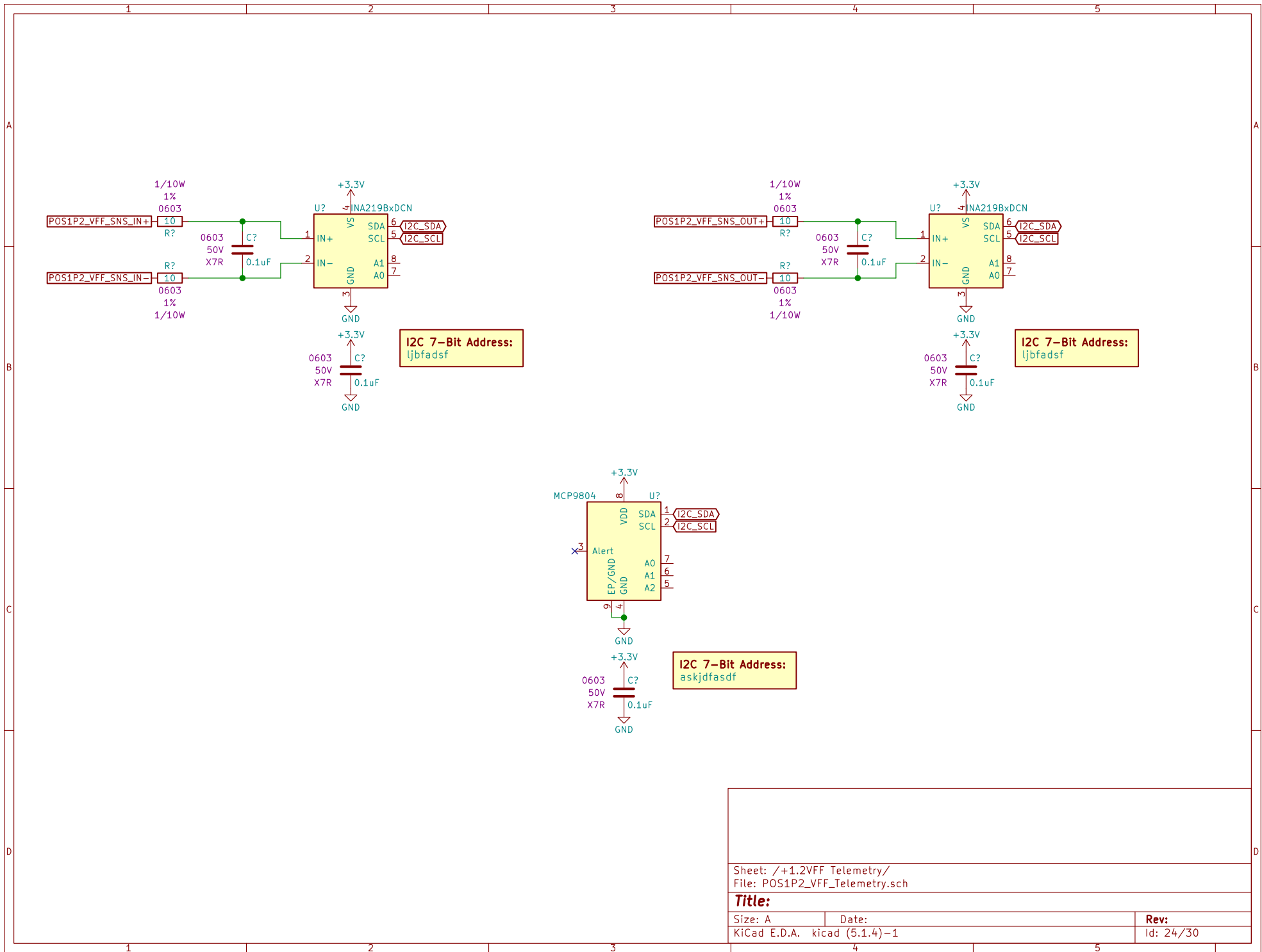


Sheet: /+1.2VFF Power Supply/  
File: POS1P2\_VFF\_Power\_Supply.sch

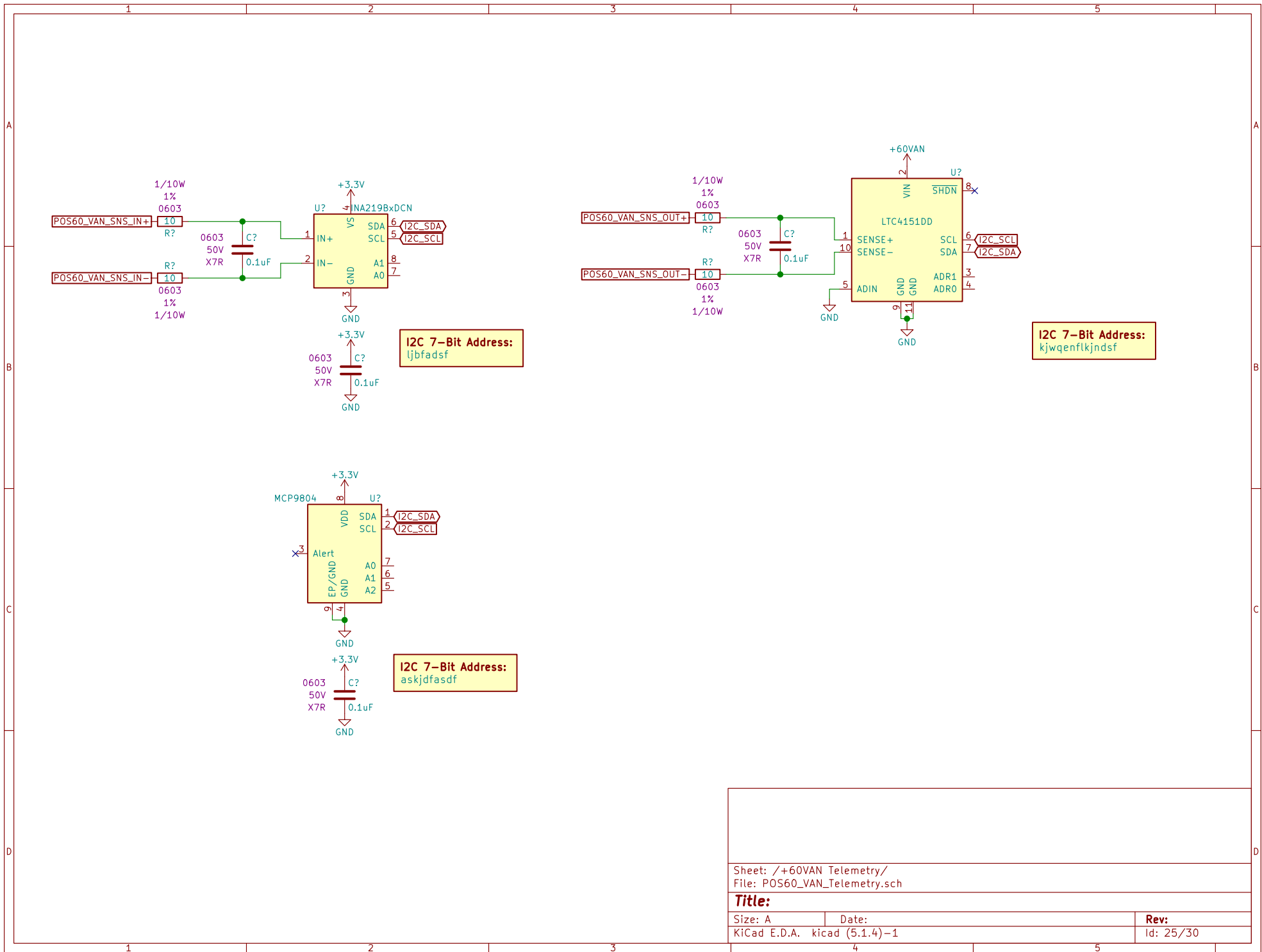
### Title: QI Charger

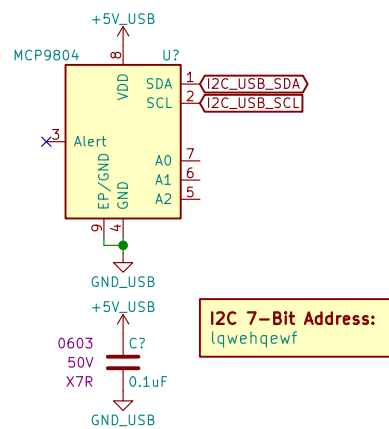
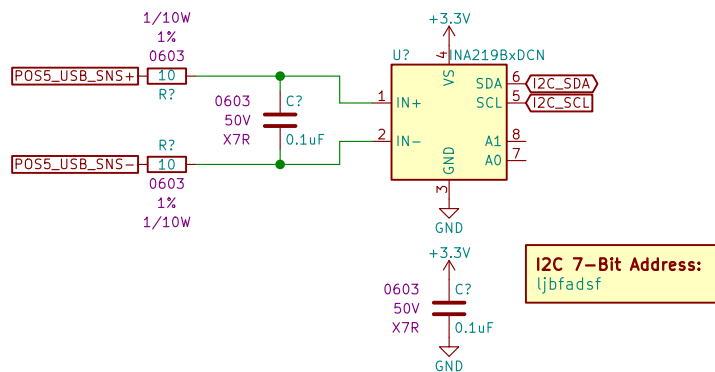
Size: A Date: 2019-01-03  
KiCad E.D.A. kicad (5.1.4)-1

Rev: A  
Id: 23/30









Sheet: /USB Telemetry/  
File: USB\_Telemetry.sch

**Title:**

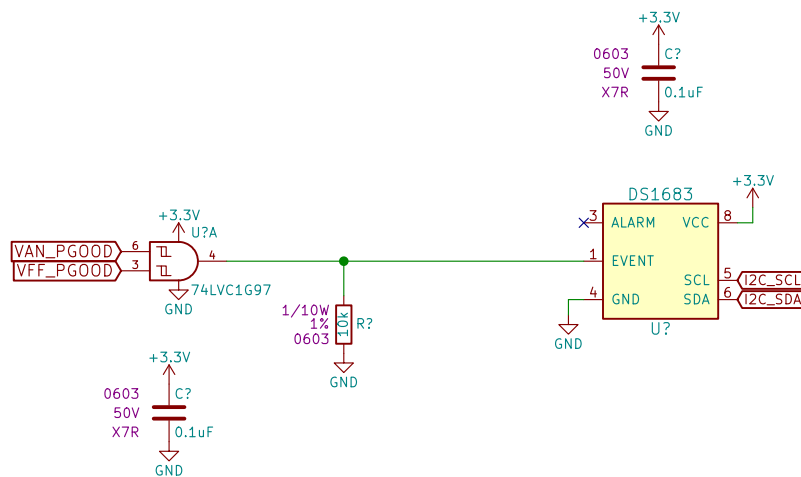
Size: A

Date:

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

**Rev:**

Id: 26/30



Sheet: /Time of Flight/  
File: Time\_of\_Flight.sch

**Title:**

Size: A

Date:

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

**Rev:**

Id: 27/30

