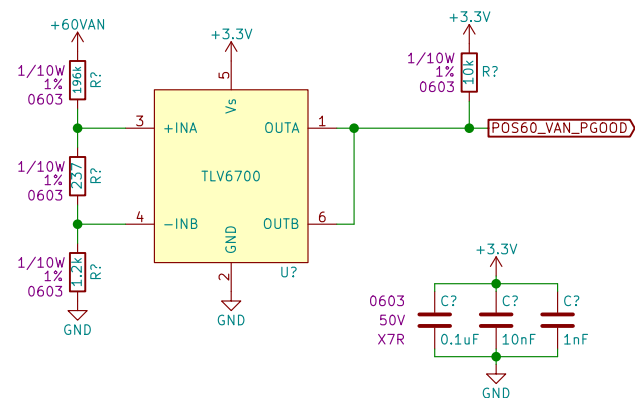
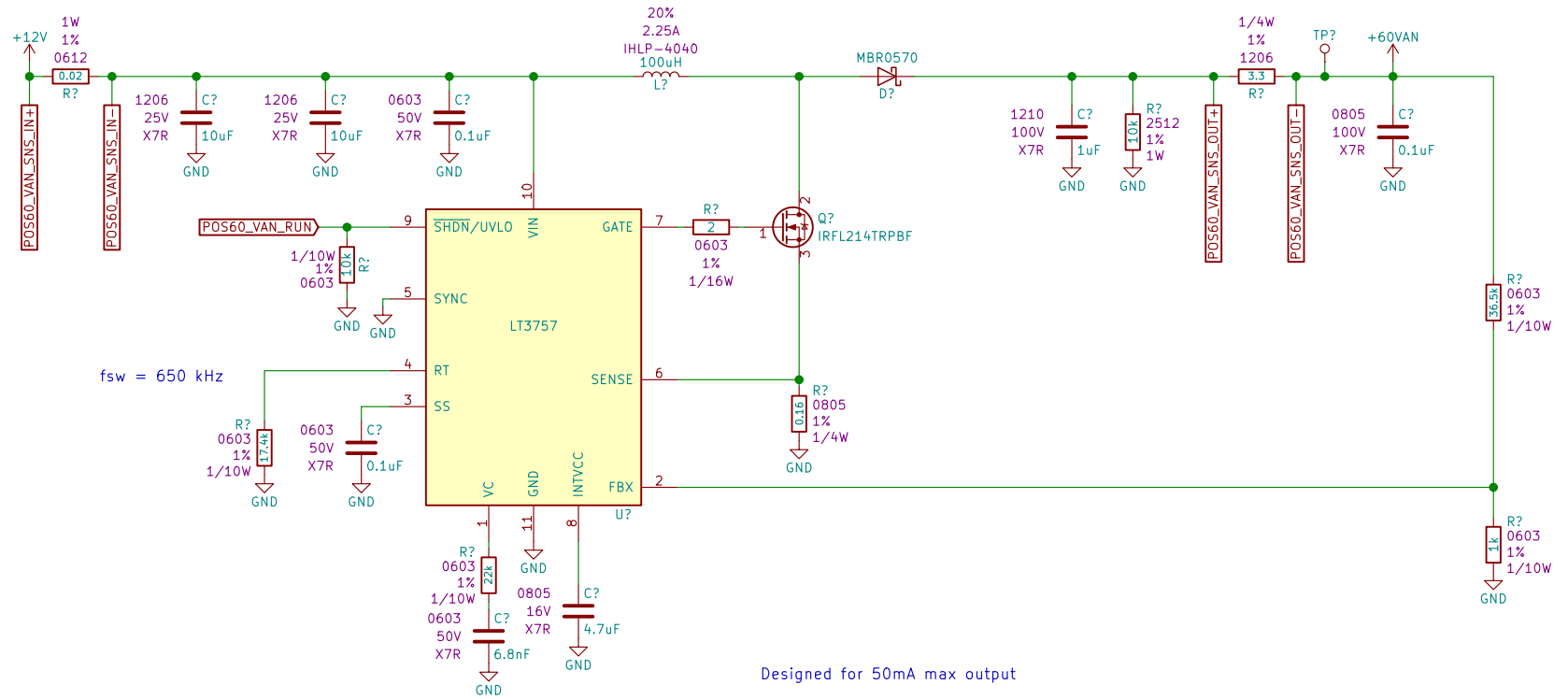


CONSIDER SWITCHING TO 252MHZ OPTION

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



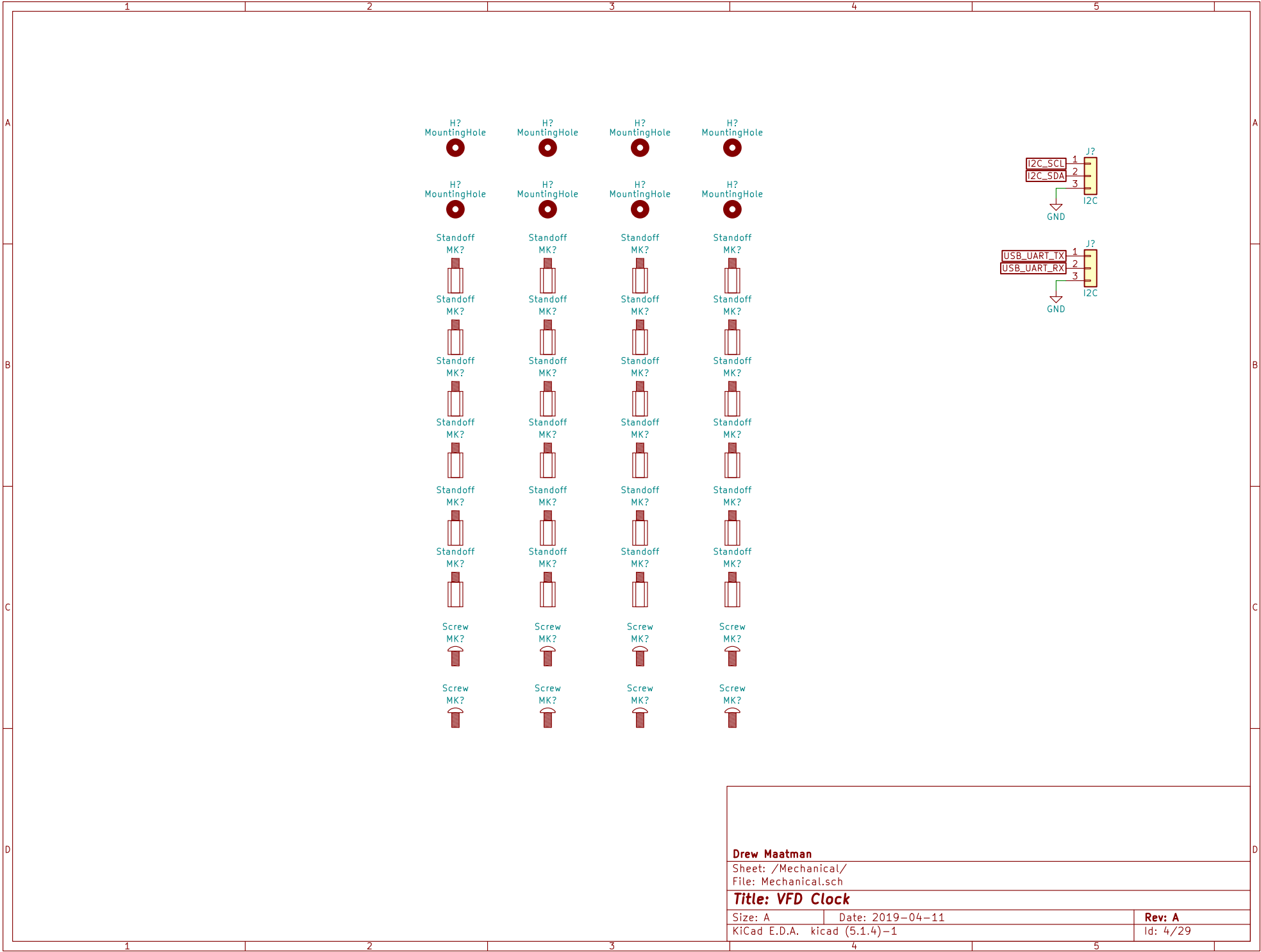
**Drew Maatman**

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

**Title: VFD Clock**

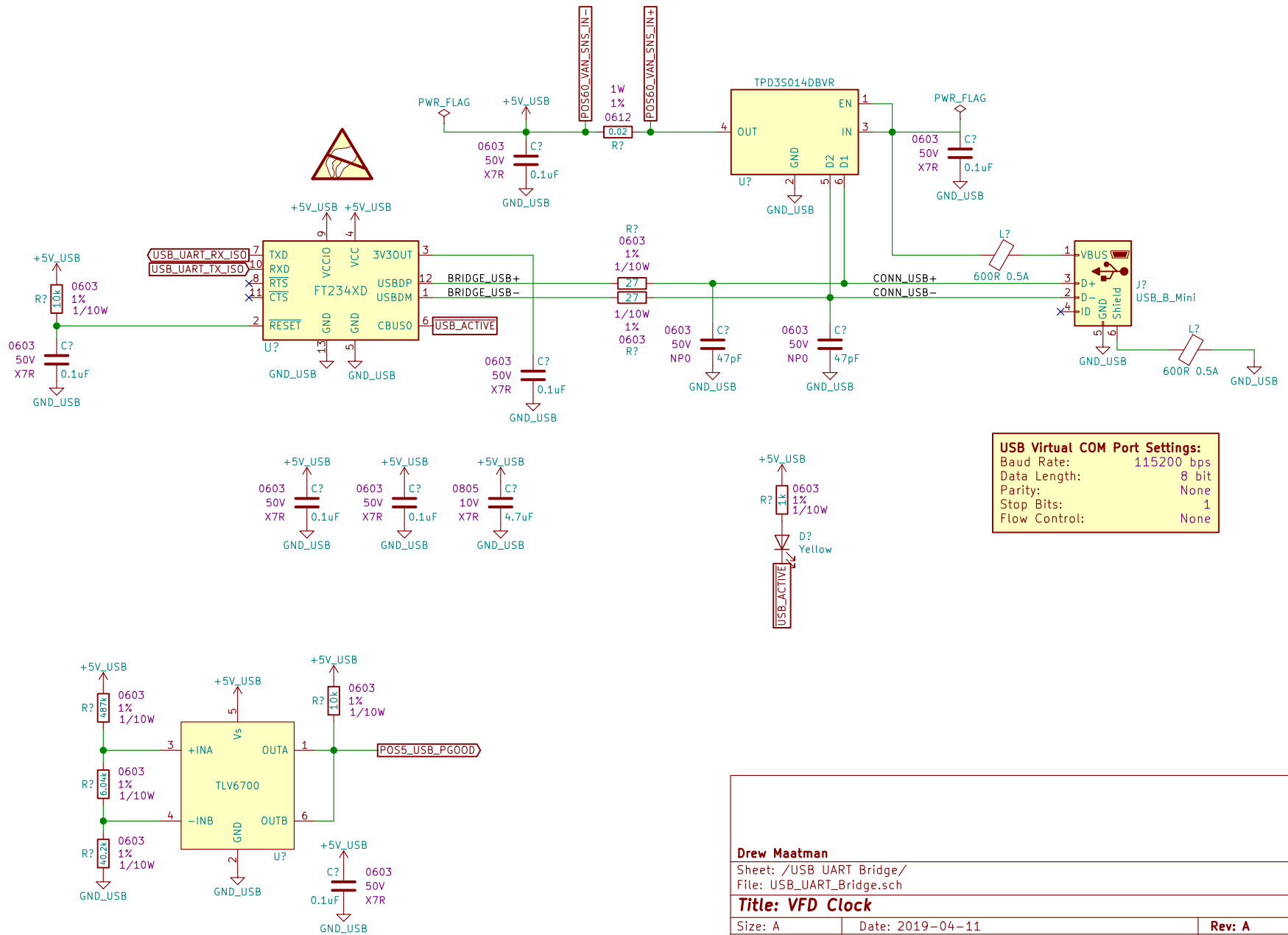
Size: A	Date: 2019-04-11
KiCad E.D.A. kicad (5.1.4)-1	

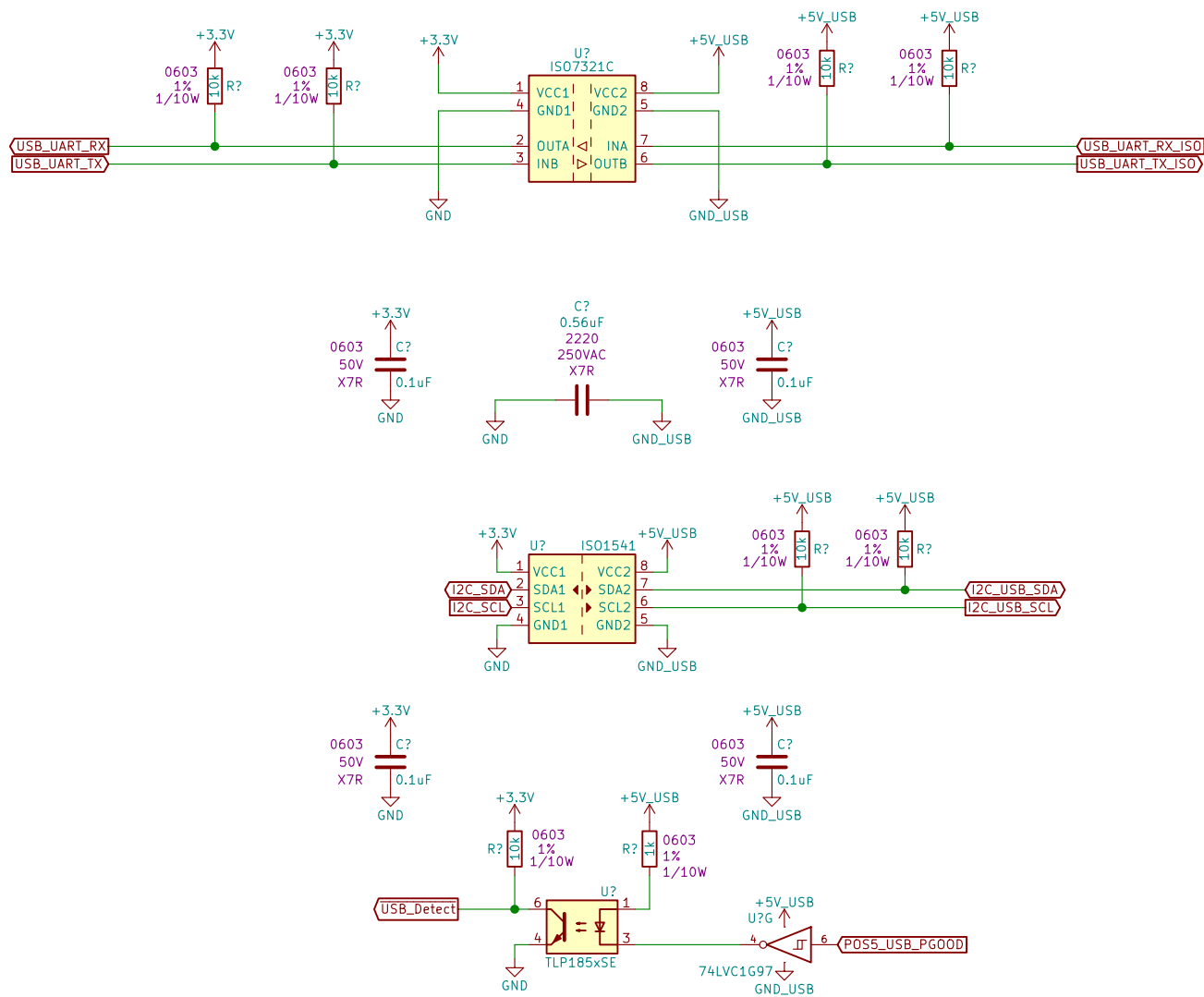
Rev: A  
Id: 3/29





## 11. USB UART Bridge





**Drew Maatman**

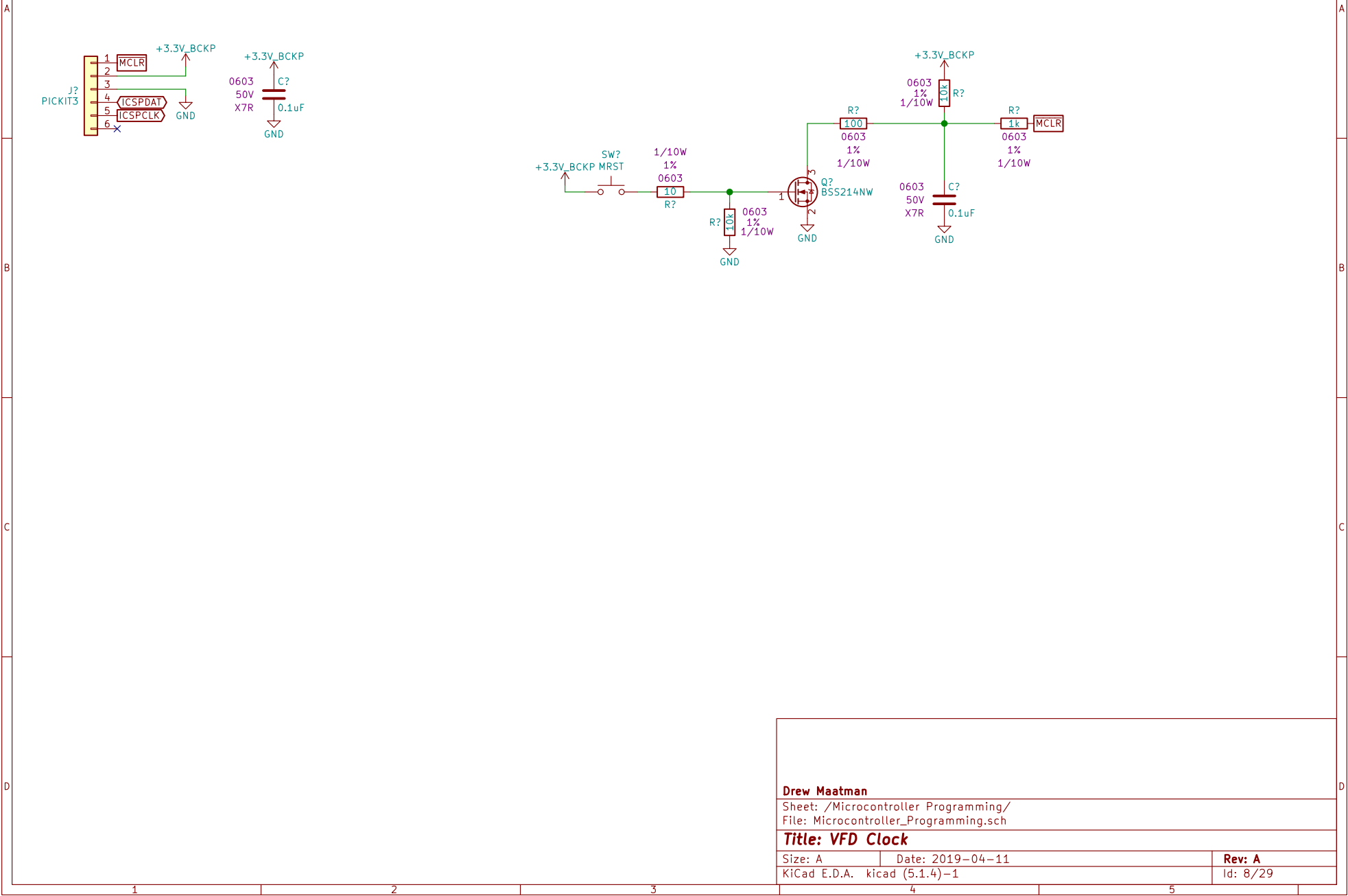
Sheet: /USB UART Isolation/  
File: USB\_UART\_Isolation.sch

**Title: VFD Clock**

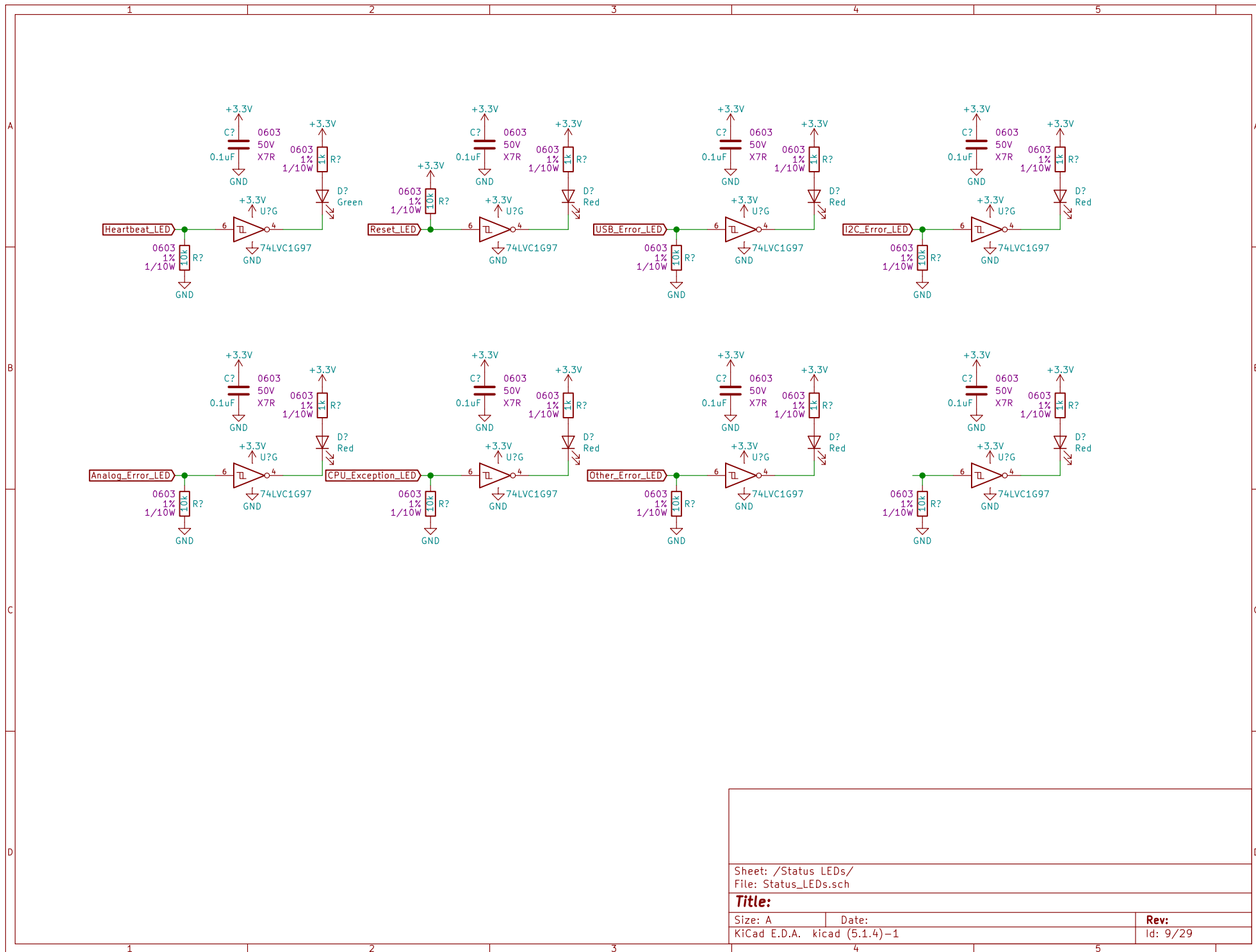
Size: A Date: 2019-04-11  
KiCad E.D.A. kicad (5.1.4)-1

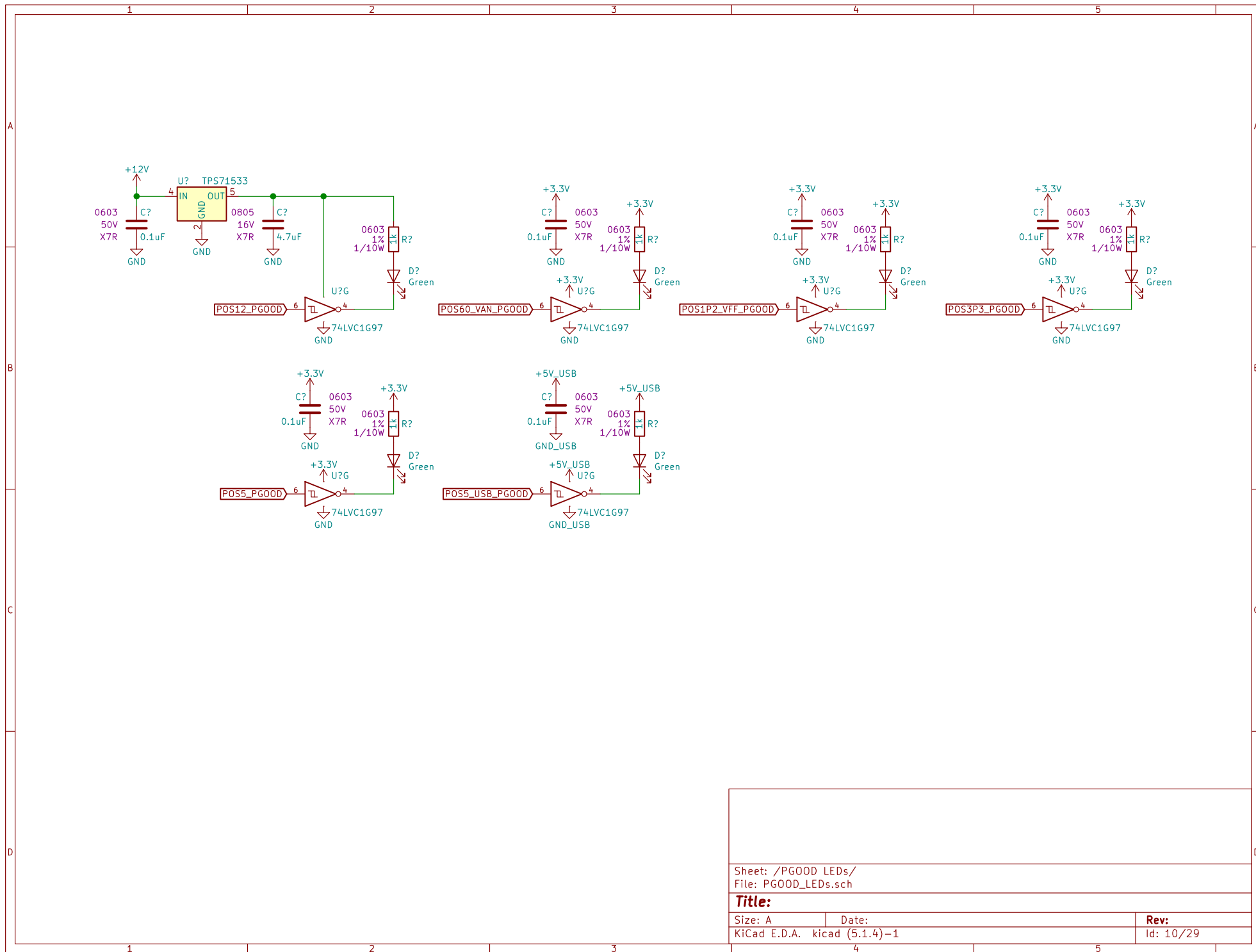
**Rev: A**  
Id: 7/29

Microcontroller Programming

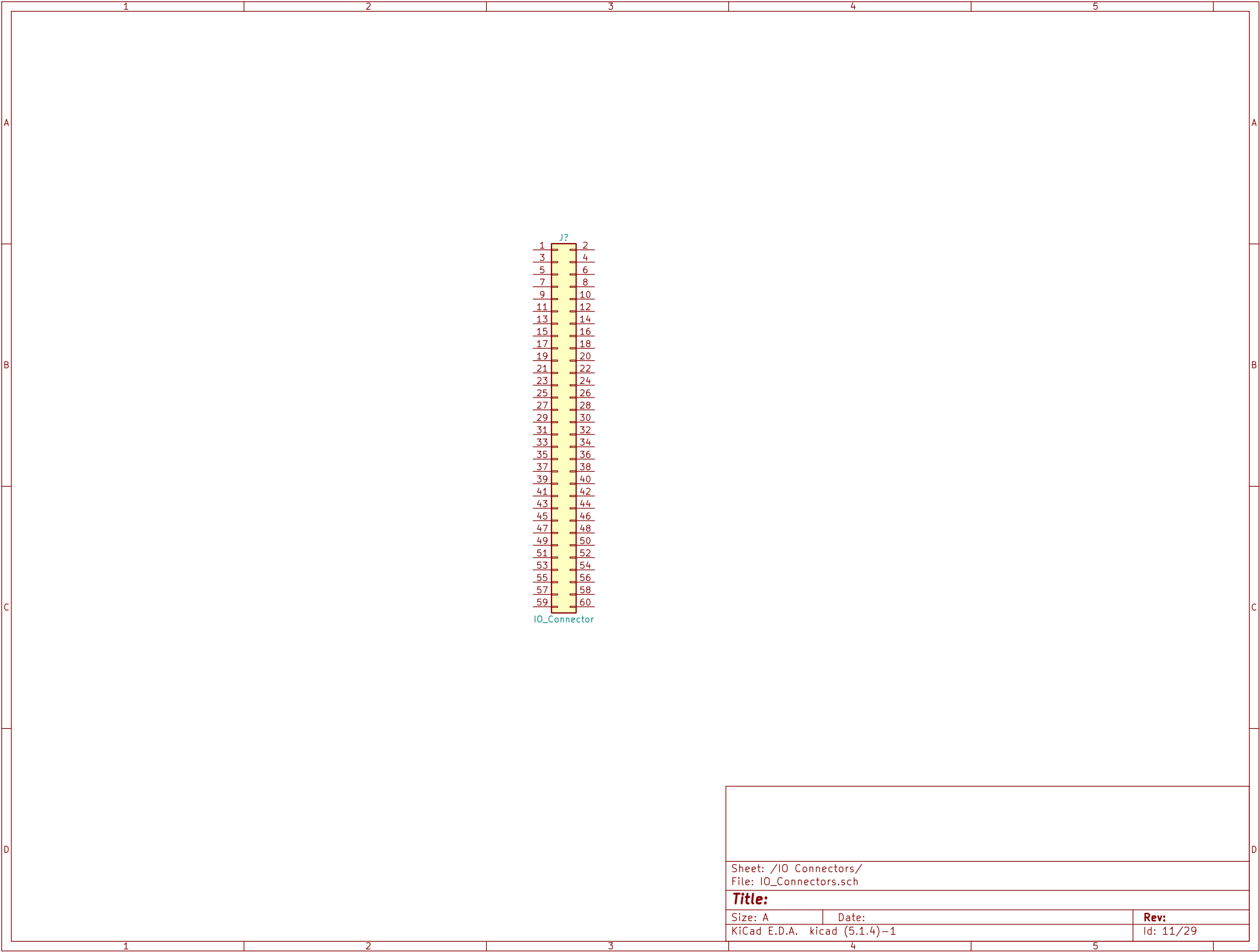






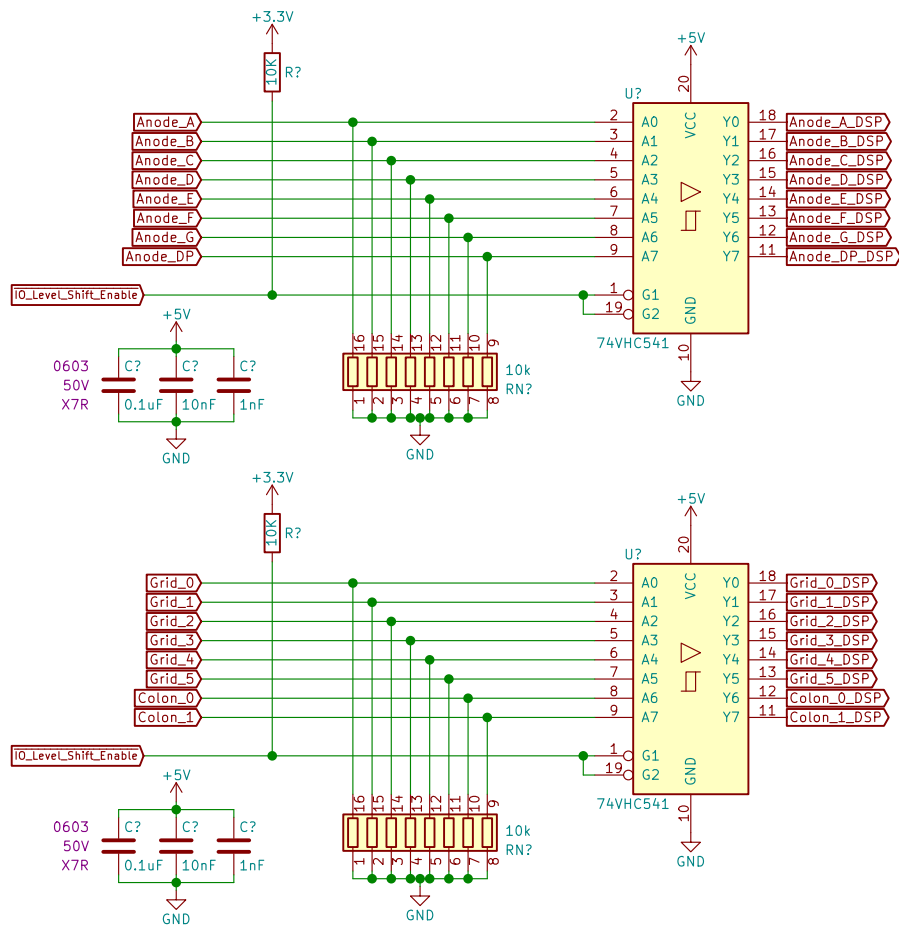


Sheet: /PGOOD LEDs/ File: PGOOD_LEDs.sch		
<b>Title:</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 10/29



Sheet: /IO Connectors/ File: IO_Connectors.sch		
Title:		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 11/29

# I/O Buffers



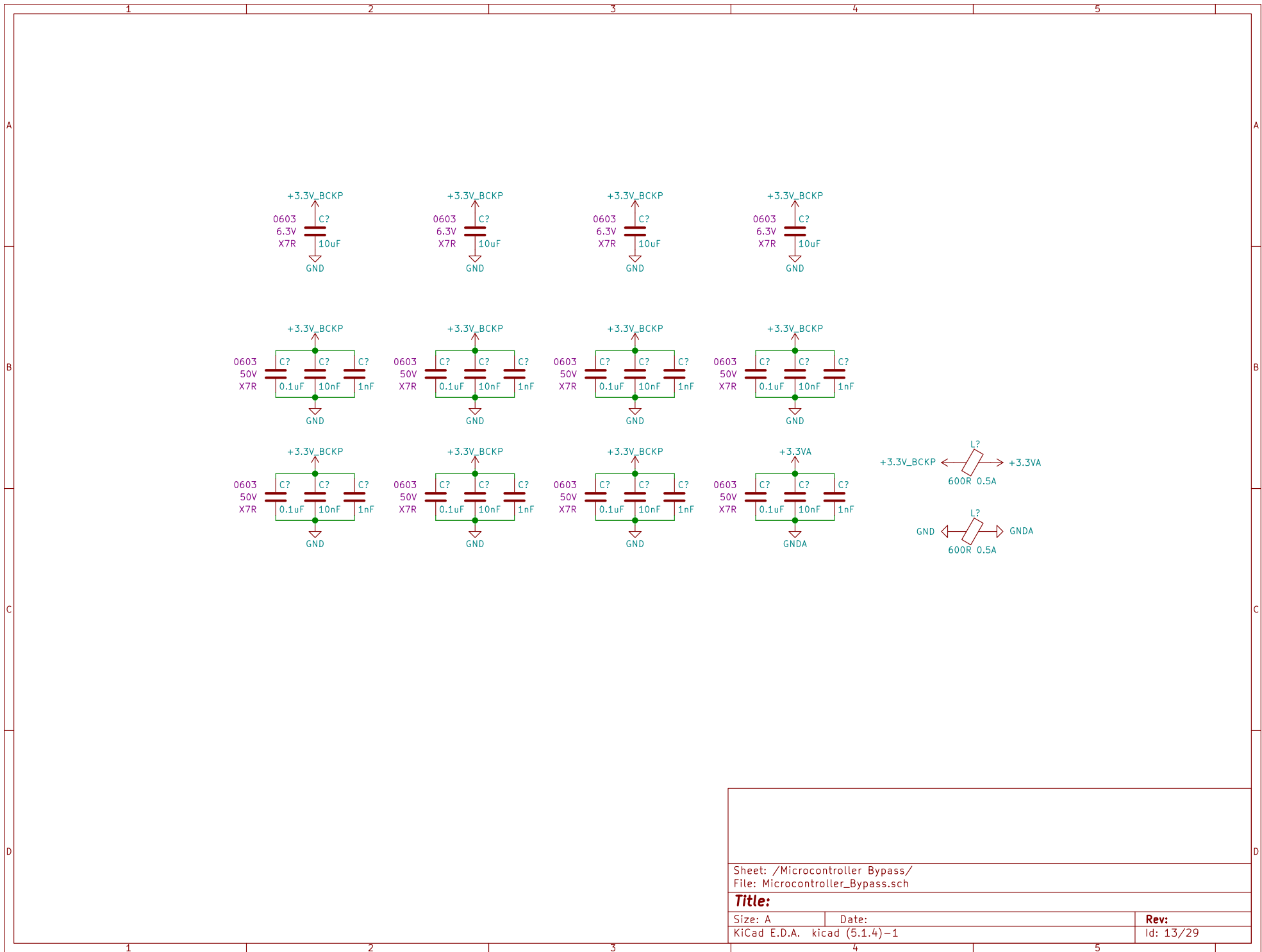
Marquette University Senior Design 2018/2019 Group E44

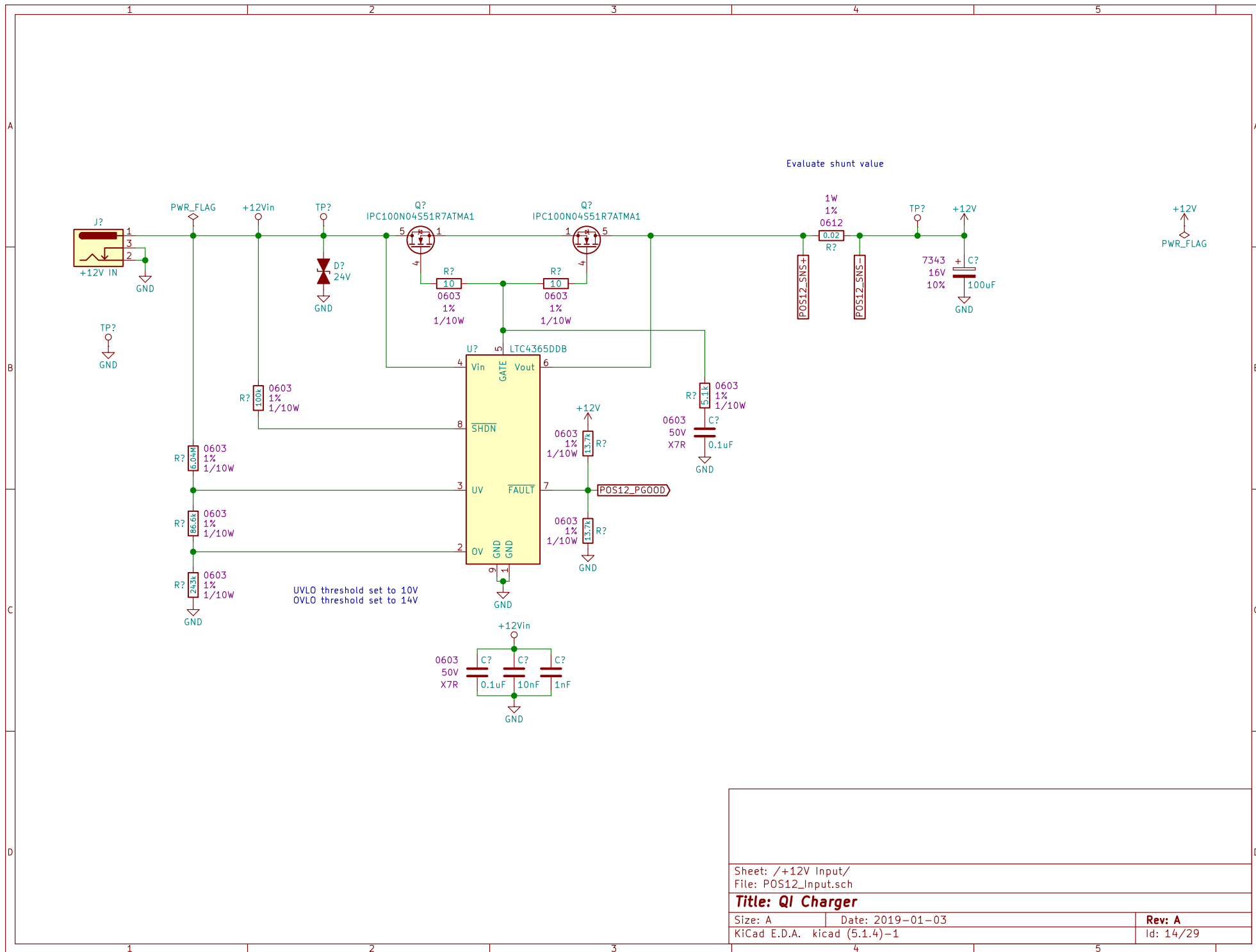
Sheet: /IO Buffers 1/  
File: IO\_Buffers\_1.sch

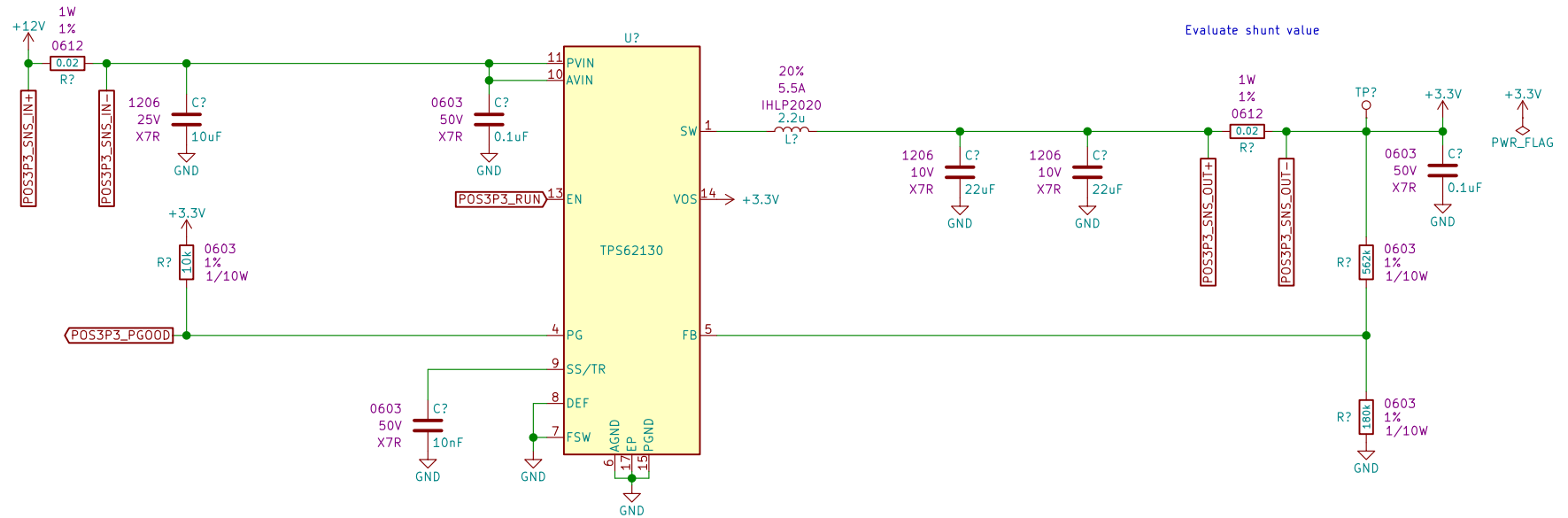
**Title: Electronic Display Logic Board**

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

Rev: A  
Id: 12/29





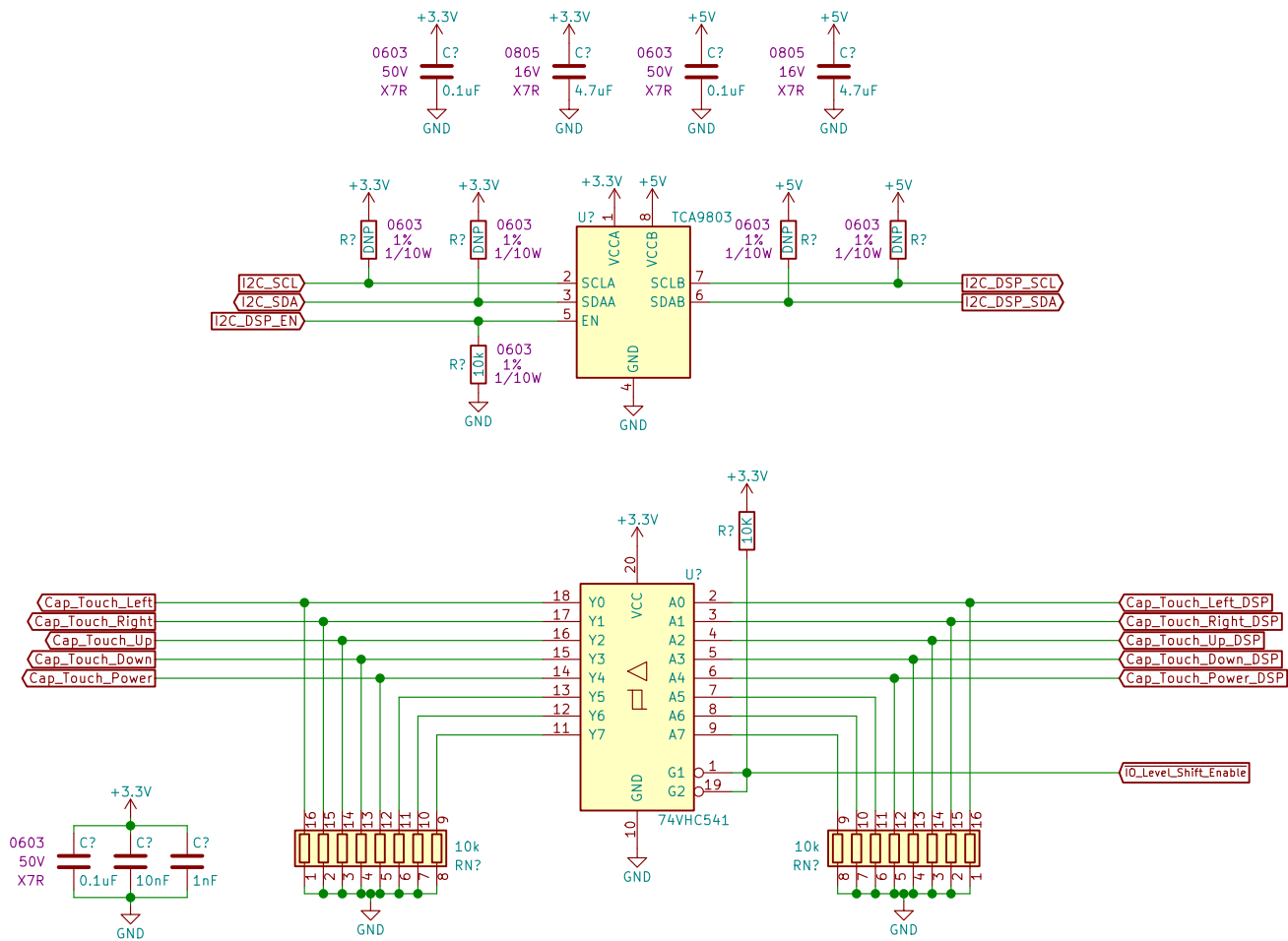


Sheet: /+3.3V Power Supply/  
File: POS3P3\_Power\_Supply.sch

# **Title: QI Charger**

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

Rev: A  
Id: 15/29



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

**Title:**

Size: A

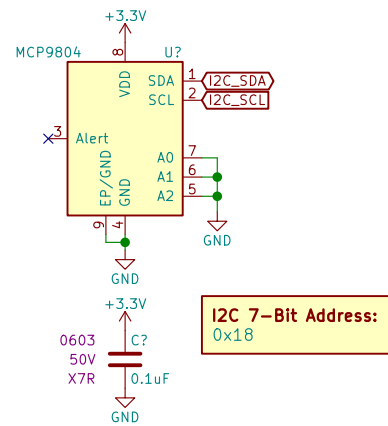
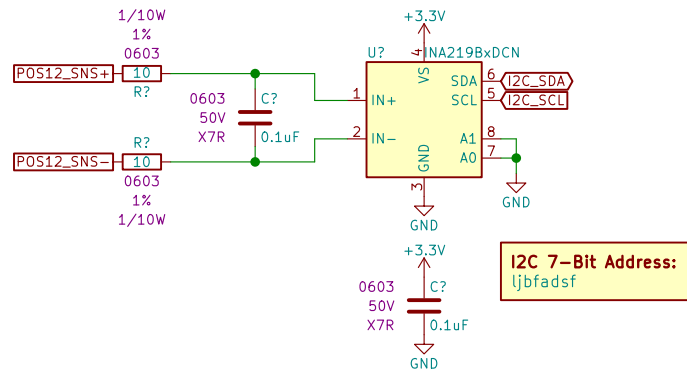
Date:

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

**Rev:**

Id: 16/29





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

**Title:**

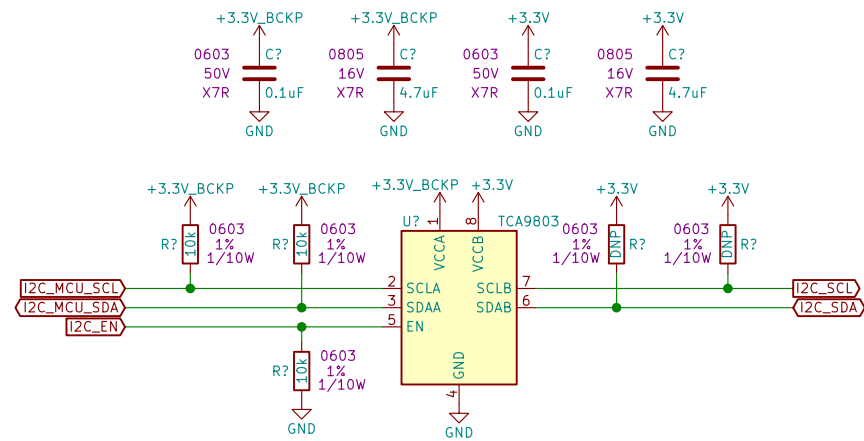
Size: A

Date:

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

**Rev:**

Id: 17/29



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

**Title:**

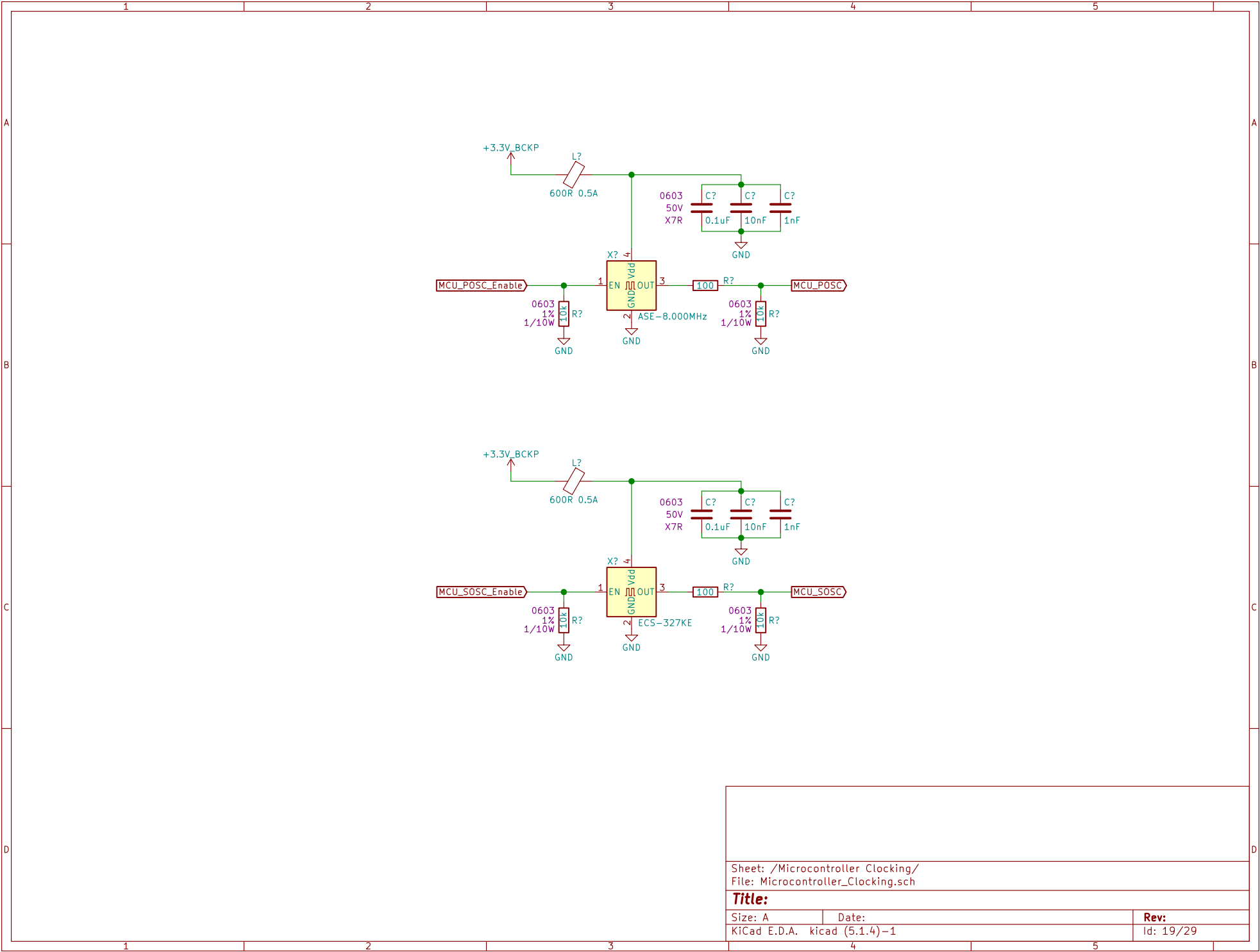
Size: A

Date:

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

**Rev:**

Id: 18/29

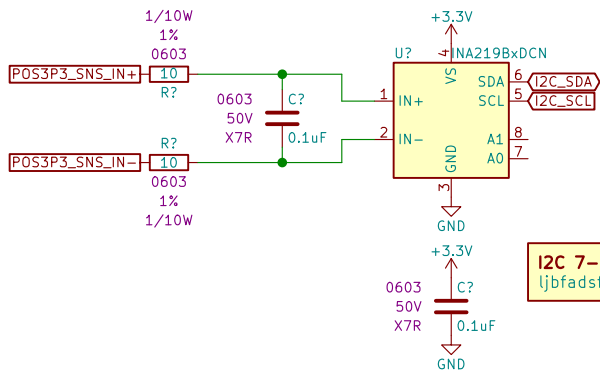


Sheet: /Microcontroller Clocking/  
File: Microcontroller\_Clocking.sch

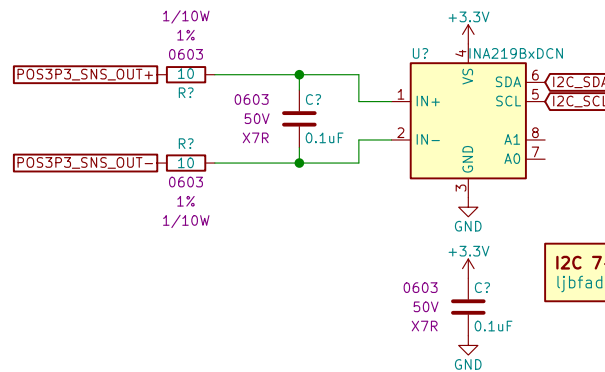
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Size: A Date:  
KiCad E.D.A. kicad (5.1.4)-1

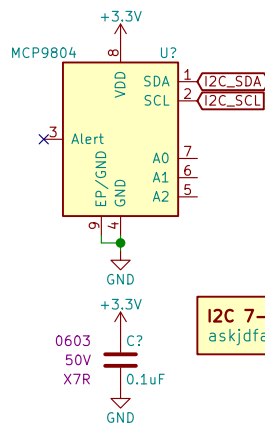
Rev:  
Id: 19/29



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

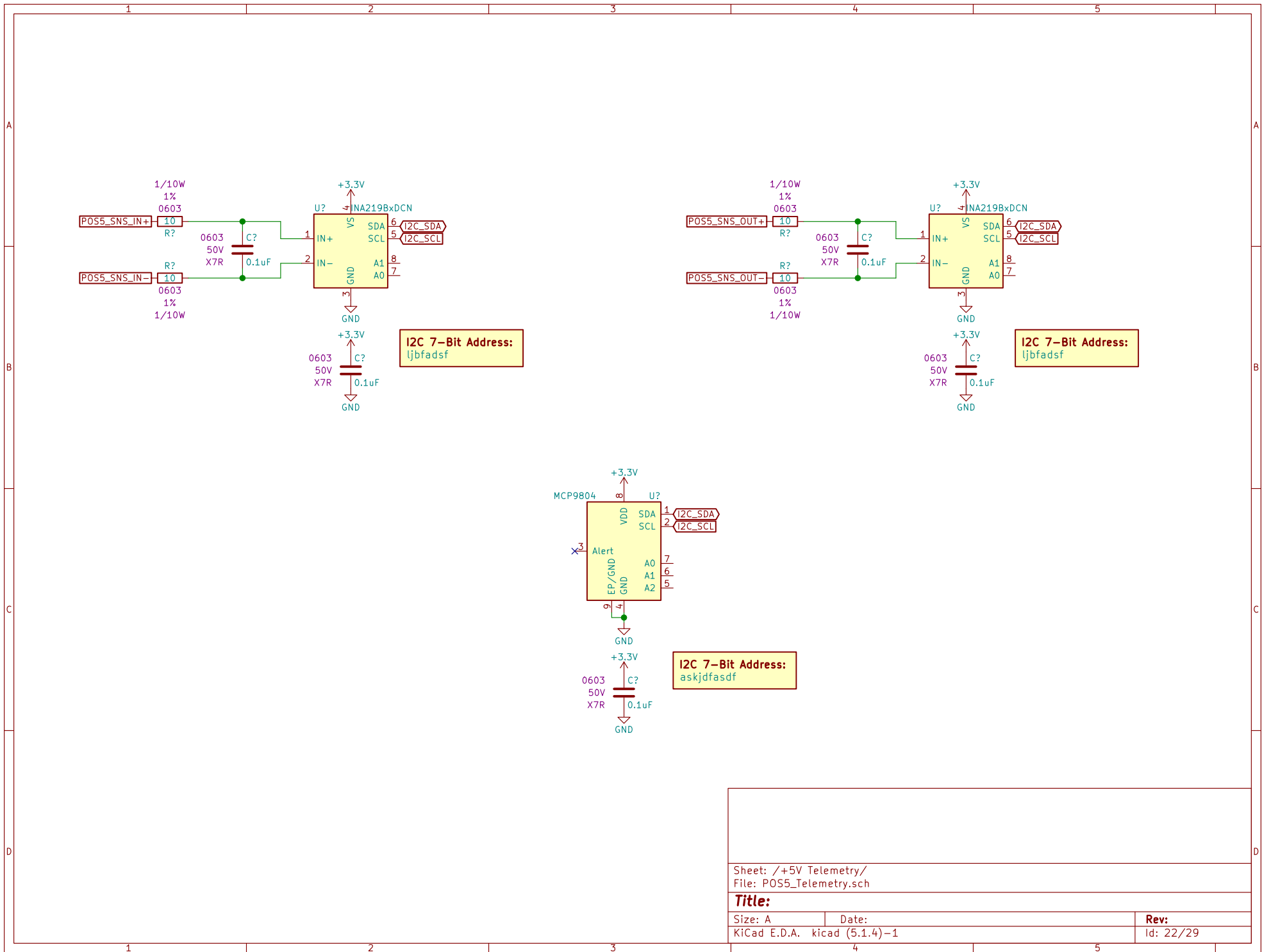
Date:

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

**Rev:**

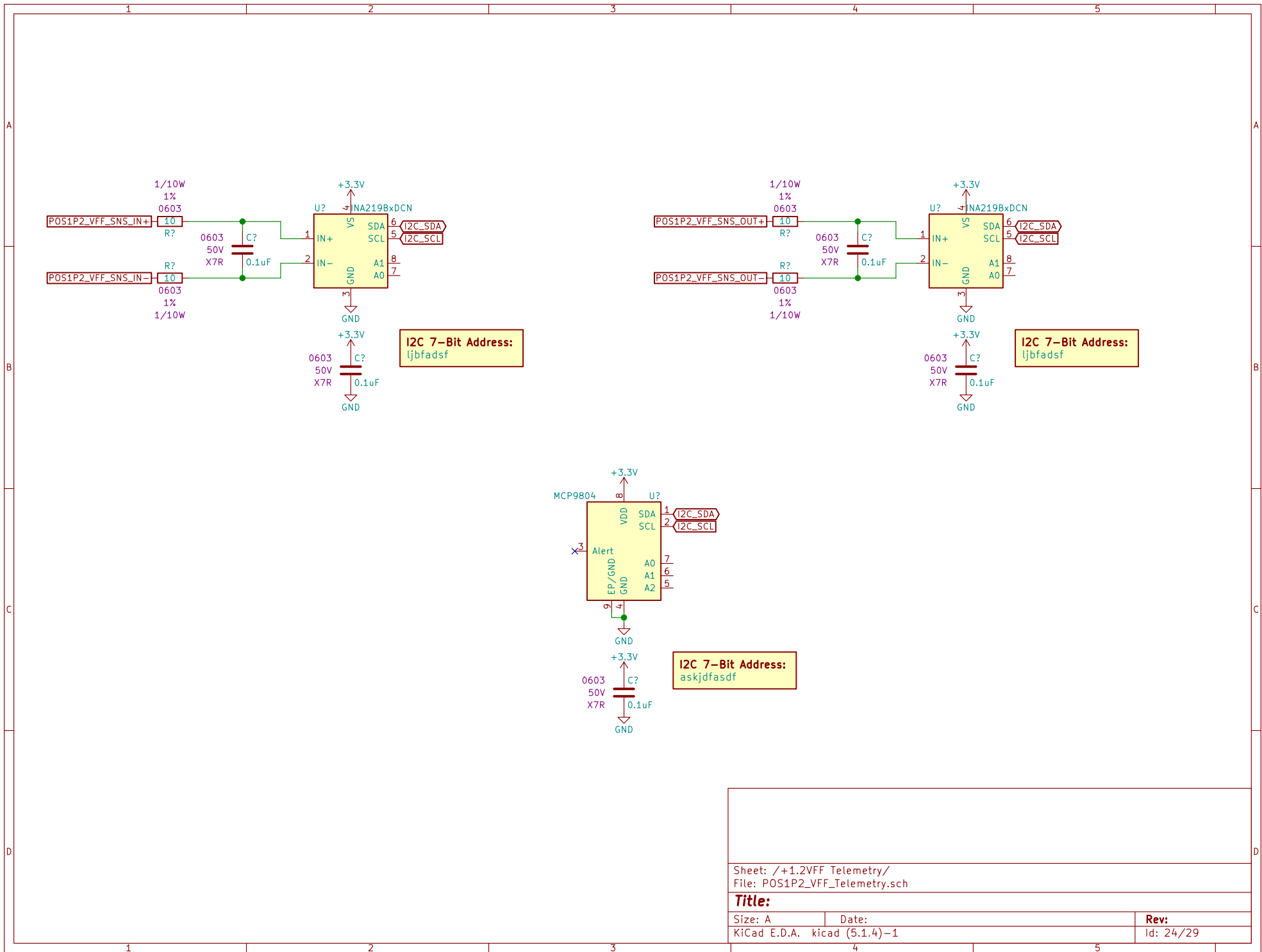
Id: 20/29

Rev: A  
Id: 21/29



Sheet: /+5V Telemetry/ File: POS5_Telemetry.sch		
<b>Title:</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 22/29

Rev: A  
Id: 23/29



Sheet: /+1.2VFF Telemetry/  
File: POS1P2\_VFF\_Telemetry.sch

**Title:**

Size: A

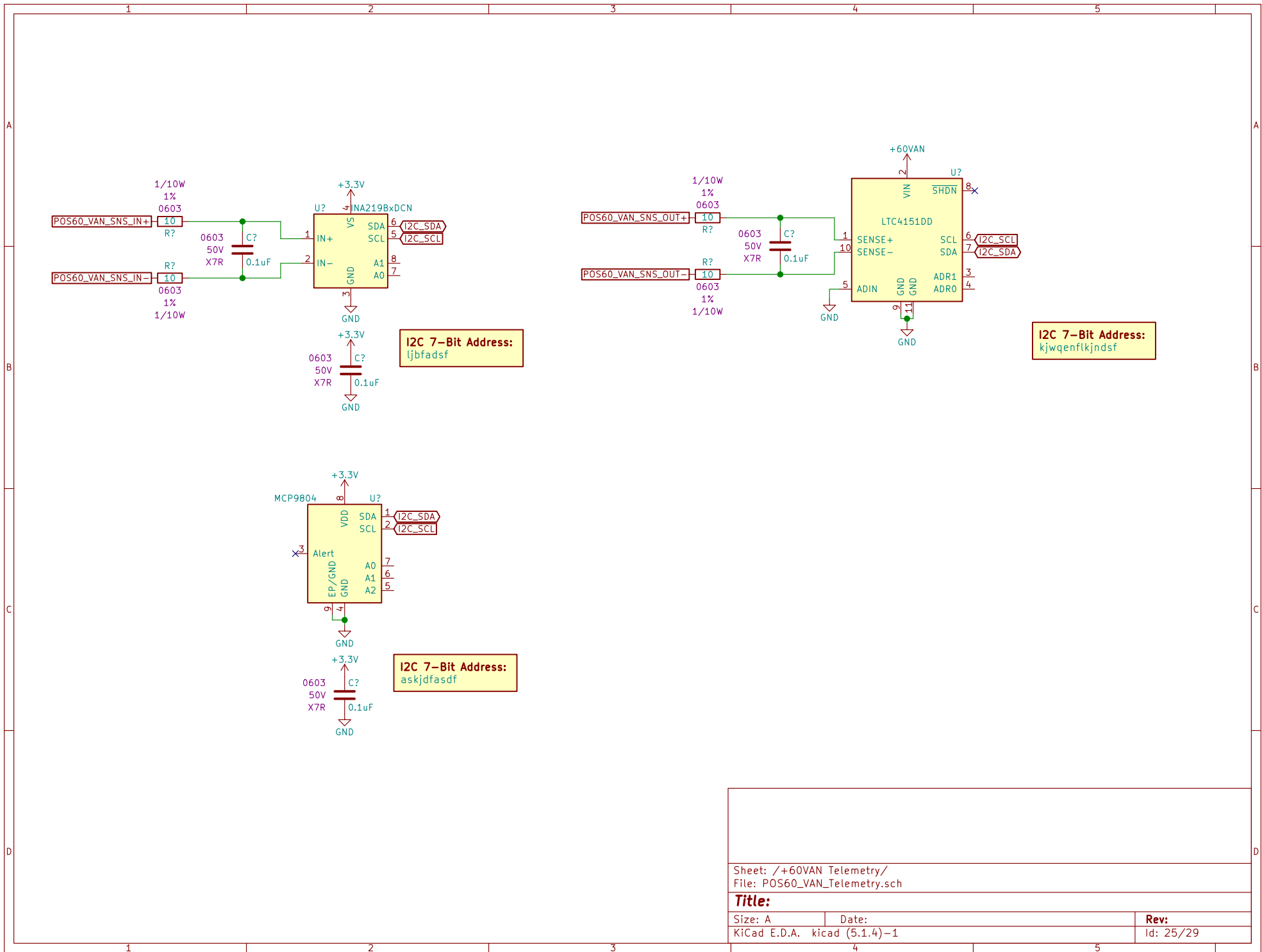
Date:

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

**Rev:**

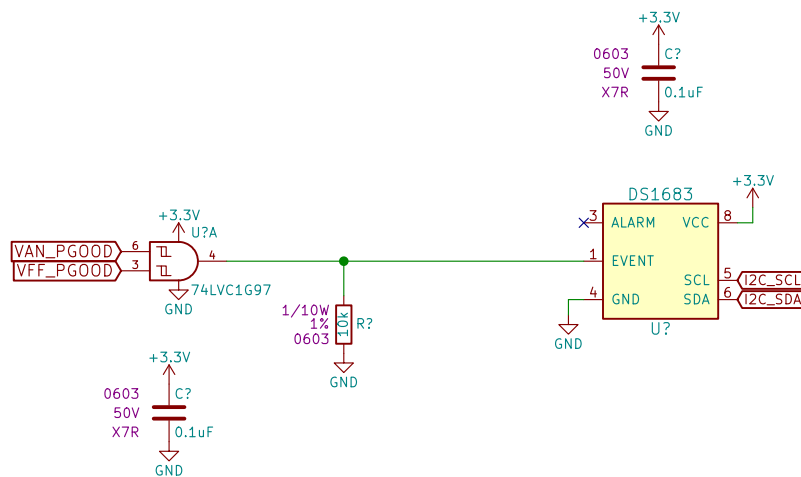
Id: 24/29







Id: 26/29



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

**Title:**

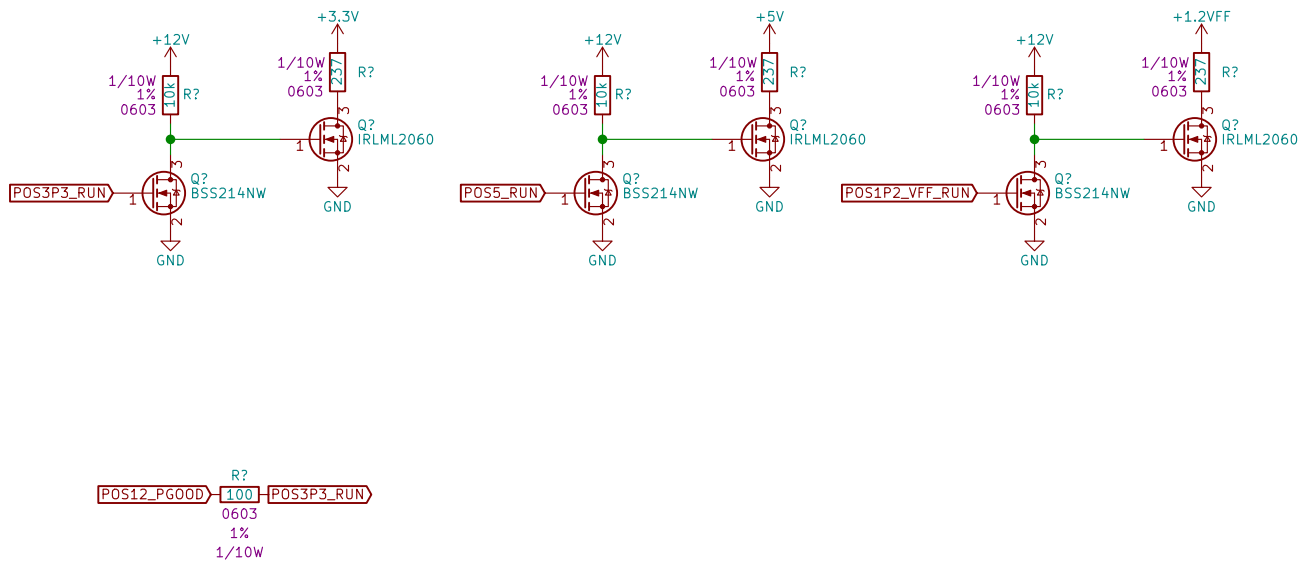
Size: A

Date:

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

**Rev:**

Id: 27/29



Sheet: /Misc Power/ File: Misc_Power.sch		
<b>Title:</b>		
Size: A	Date:	Rev:
KiCad E.D.A. kicad (5.1.4)-1		Id: 28/29

