+12V Input

File: POS12_Input.kicad_sch

+12V Telemetry

File: POS12_Telemetry.kicad_sch

+5V Power Supply

File: POS5_Power_Suply.kicad_sch

+5V Telemetry

File: POS5_Telemetry.kicad_sch

PIC18F Programming

File: PIC18F_Programming.kicad_sch

PIC18F Core

File: PIC18F_Core.kicad_sch

USB UART Bridge

File: USB_UART_Bridge.kicad_sch

PGOOD LEDs

File: PGOOD_LEDs.kicad_sch

Status LEDs

File: Status_LEDs.kicad_sch

Hub LEDs

File: Hub_LEDs.kicad_sch

Display

File: Display.kicad_sch

Pushbuttons

File: Pushbuttons.kicad_sch

Hub Controller

File: Hub_Controller.kicad_sch

Downstream Port 0

File: Downstream_Port_0.kicad_sch

Downstream Port 1

File: Downstream_Port_1.kicad_sch

Downstream Port 2

File: Downstream_Port_2.kicad_sch

Downstream Port 3

File: Downstream_Port_3.kicad_sch

Upstream Port

File: Upstream_Port.kicad_sch

Port Power Control

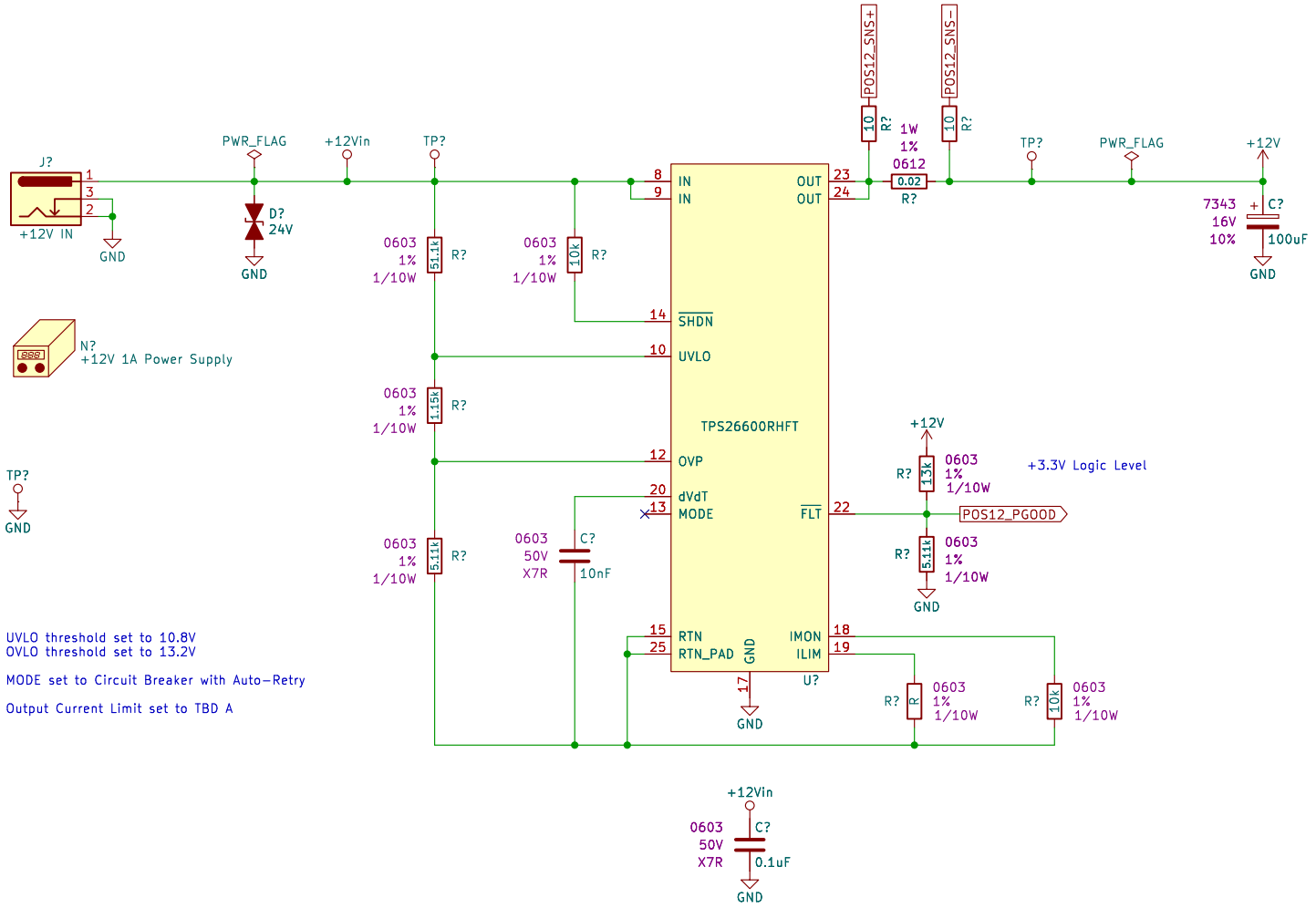
File: port_power_control.kicad_sch

Add Mechanical
Reorder Sheets

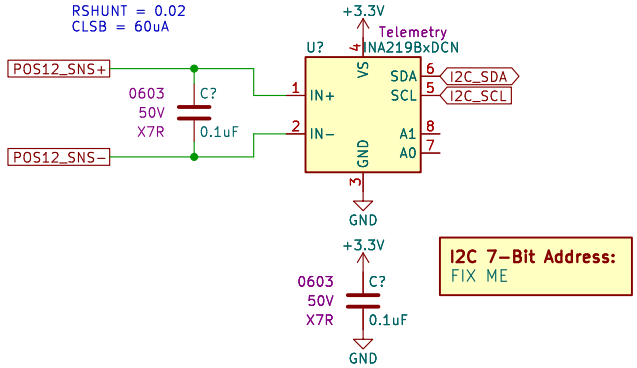
Sheet: /
File: USB_Hub.kicad_sch

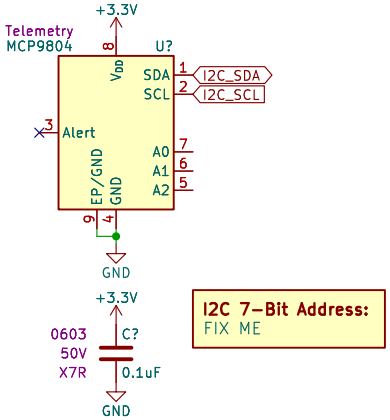
Title:

Size: A	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.1		Id: 1/20



Drew Maatman		
Sheet: /+12V Input/		
File: POS12_Input.kicad_sch		
Title: Analog Clock		
Size: A	Date: 2020-08-15	**Rev: A**
KiCad E.D.A. kicad 7.0.1		Id: 2/20





Drew Maatman

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

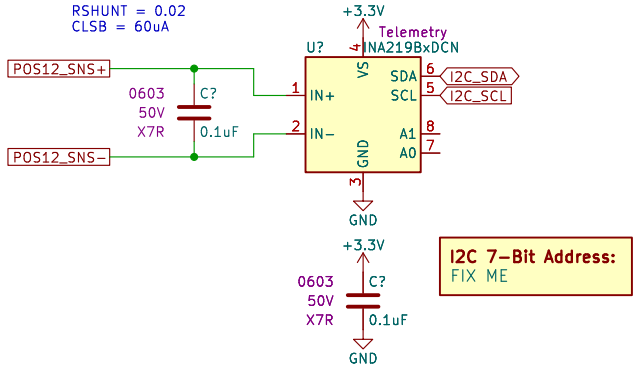
Title: Analog Clock

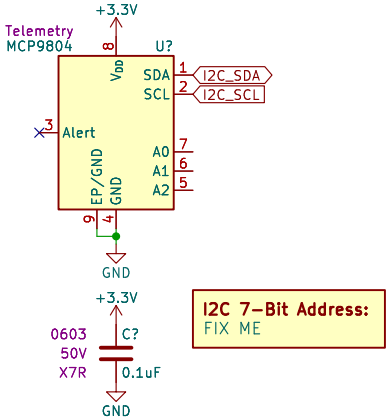
Size: A	Date: 2020-08-15	**Rev: A**
KiCad E.D.A. kicad 7.0.1		Id: 3/20

Sheet: /+5V Power Supply/	
File: POS5_Power_Suply.kicad_sch	
Title:	
Size: A	Date:
KiCad E.D.A. kicad 7.0.1	

Rev:

Id: 4/20



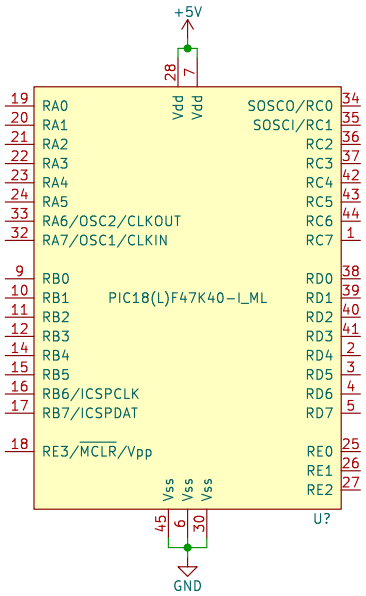


Drew Maatman		
Sheet: /+5V Telemetry/		
File: POS5_Telemetry.kicad_sch		
Title: Analog Clock		
Size: A	Date: 2020-08-15	**Rev: A**
KiCad E.D.A. kicad 7.0.1		Id: 5/20

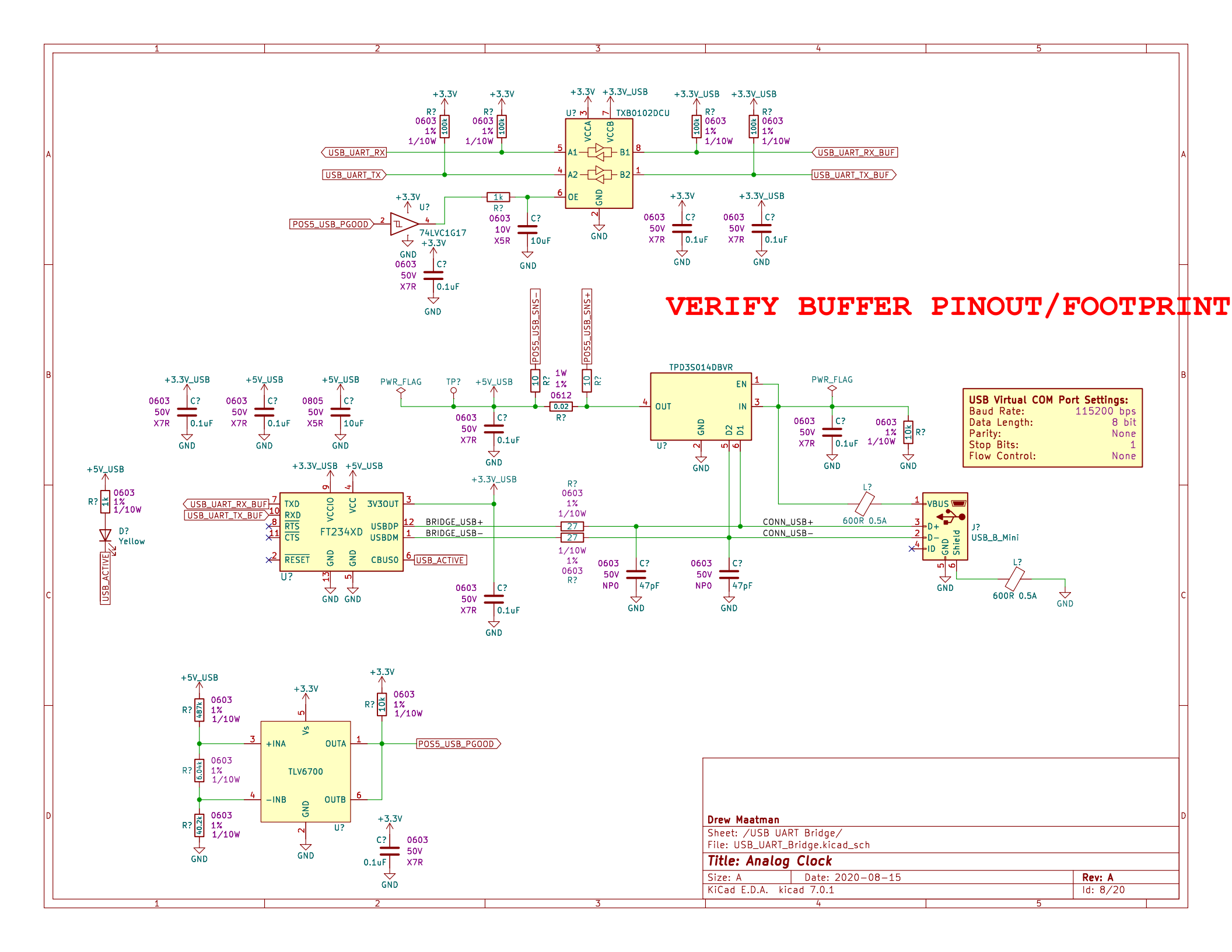
Sheet: /PIC18F Programming/
File: PIC18F_Programming.kicad_sch

Title:

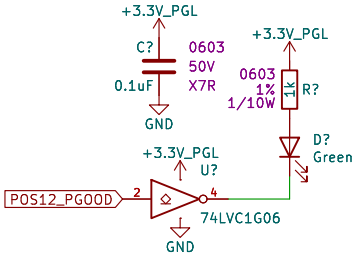
Size: A	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.1		Id: 6/20

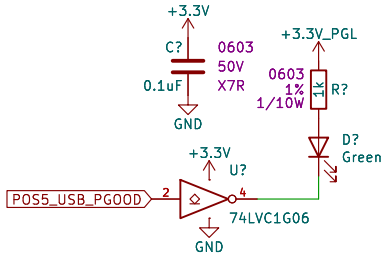


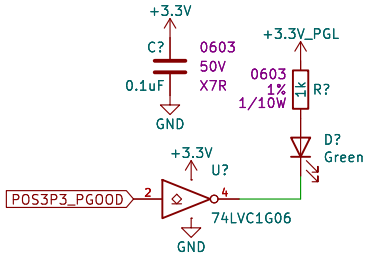
Sheet: /PIC18F Core/		
File: PIC18F_Core.kicad_sch		
Title:		
Size: A	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.1		Id: 7/20


VERIFY BUFFER PINOUT/FOOTPRINT
USB Virtual COM Port Settings:
Baud Rate: 115200 bps
Data Length: 8 bit
Parity: None
Stop Bits: 1
Flow Control: None
TXB0102DCU
74LVC1G17
TPD3S014DBVR
FT234XD
TLV6700
USB_B_Mini
600R 0.5A
Drew Maatman
Sheet: /USB UART Bridge/
File: USB_UART_Bridge.kicad_sch
Title: Analog Clock
Size: A
Date: 2020-08-15
Rev: A
KiCad E.D.A. kicad 7.0.1
Id: 8/20

SWITCH TO AND GATE WITH ENABLE





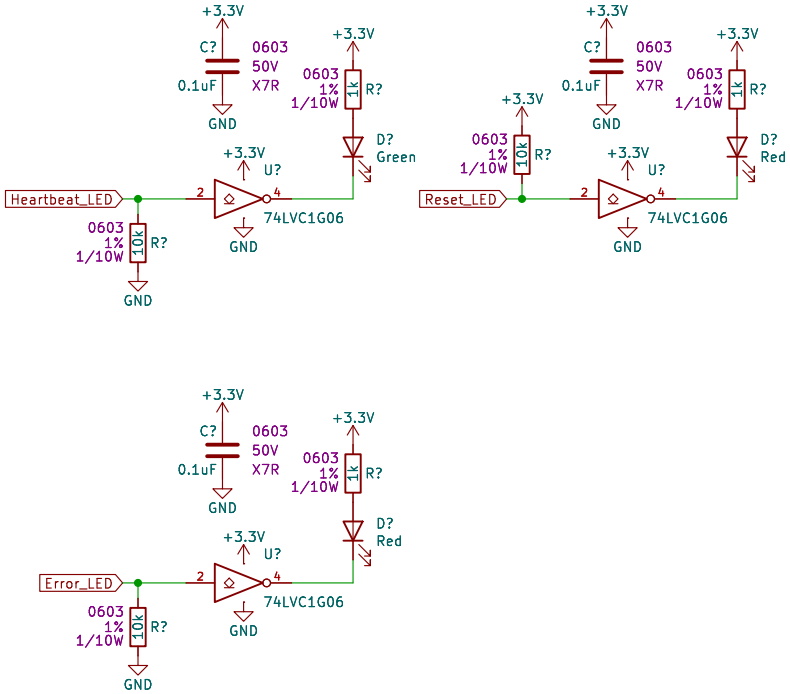


Drew Maatman

Sheet: /PGOOD LEDs/
File: PGOOD_LEDs.kicad_sch

Title: Analog Clock

Size: A	Date: 2020-08-15	**Rev: A**
KiCad E.D.A. kicad 7.0.1		Id: 9/20



Drew Maatman		
Sheet: /Status LEDs/		
File: Status_LEDs.kicad_sch		
Title: Analog Clock		
Size: A	Date: 2020-08-15	**Rev: A**
KiCad E.D.A. kicad 7.0.1		Id: 10/20

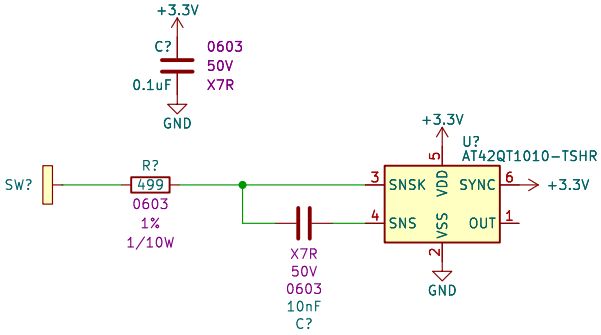
Sheet: /Hub LEDs/
File: Hub_LEDs.kicad_sch

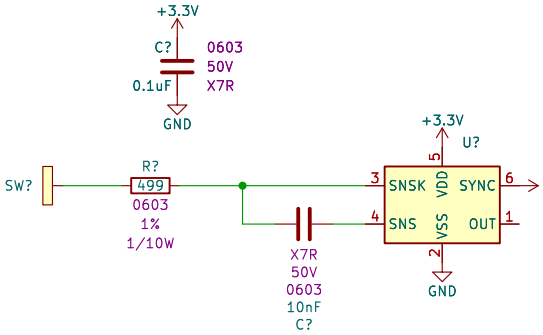
Title:

Size: A	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.1		Id: 11/20

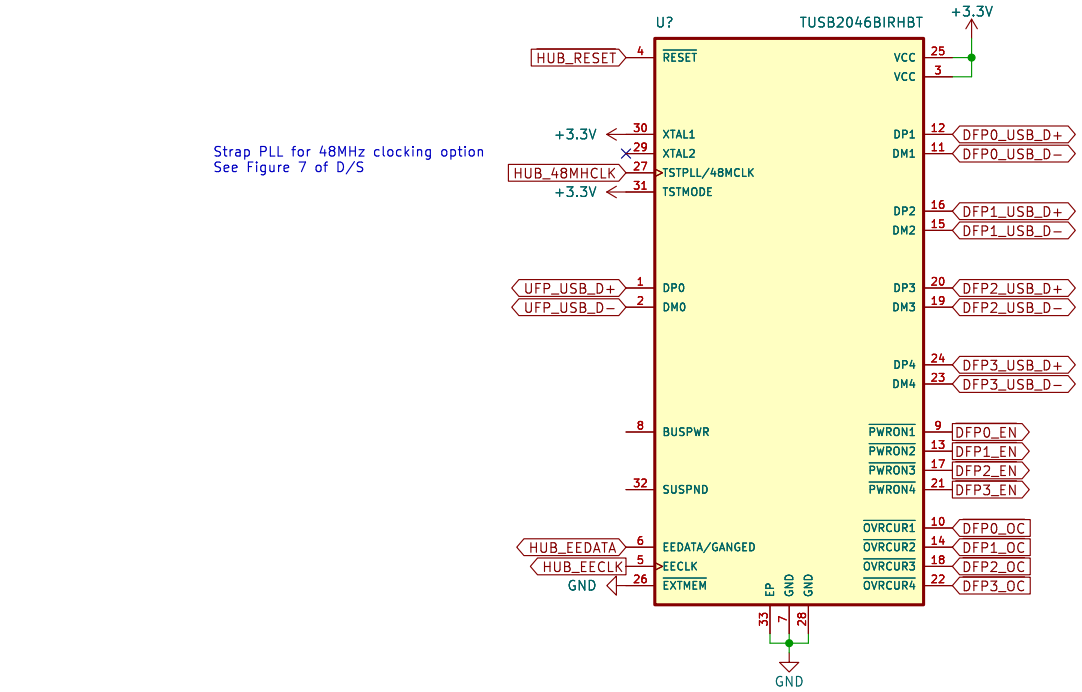
Sheet: /Display/	
File: Display.kicad_sch	
Title:	
Size: A	Date:
KiCad E.D.A. kicad 7.0.1	Id: 12/20

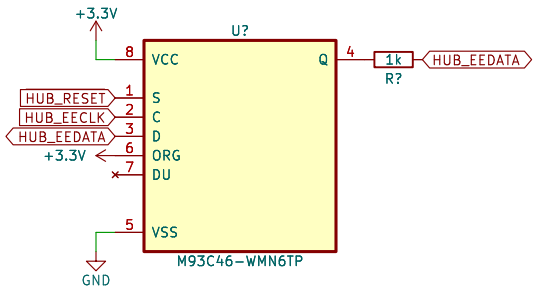
Rev:



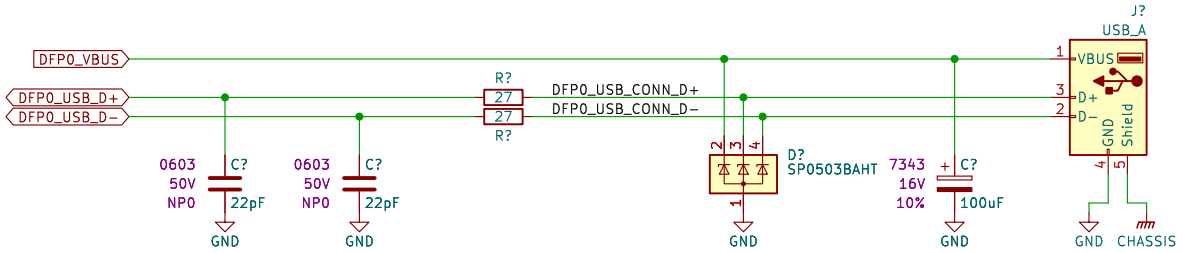


Drew Maatman		
Sheet: /Pushbuttons/		
File: Pushbuttons.kicad_sch		
Title: Analog Clock		
Size: A	Date: 2020-08-15	**Rev: A**
KiCad E.D.A. kicad 7.0.1		Id: 13/20

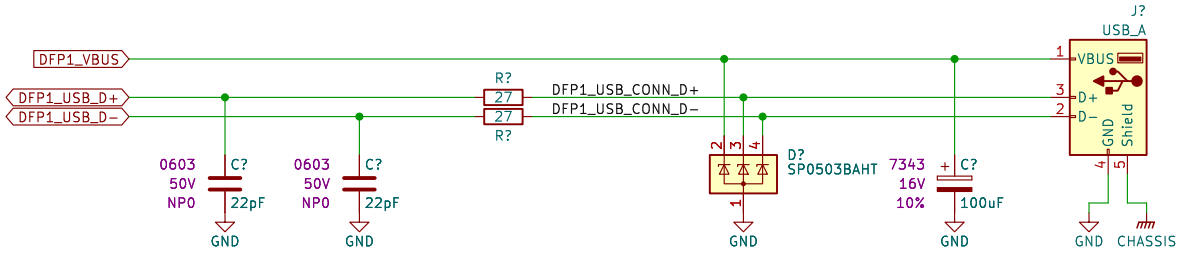




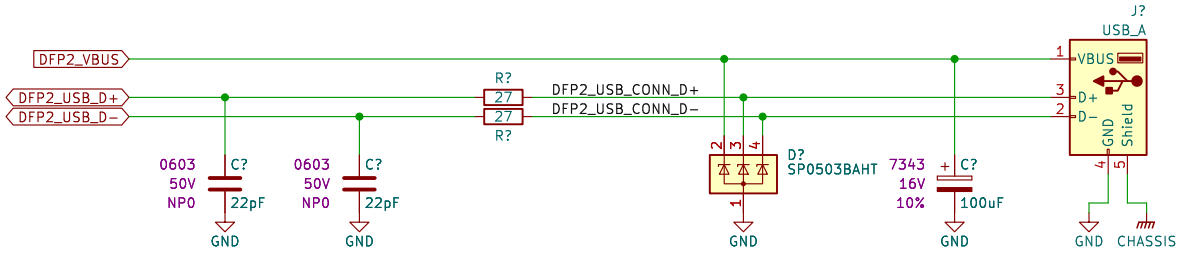
Sheet: /Hub Controller/		
File: Hub_Controller.kicad_sch		
Title:		
Size: A	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.1		Id: 15/20



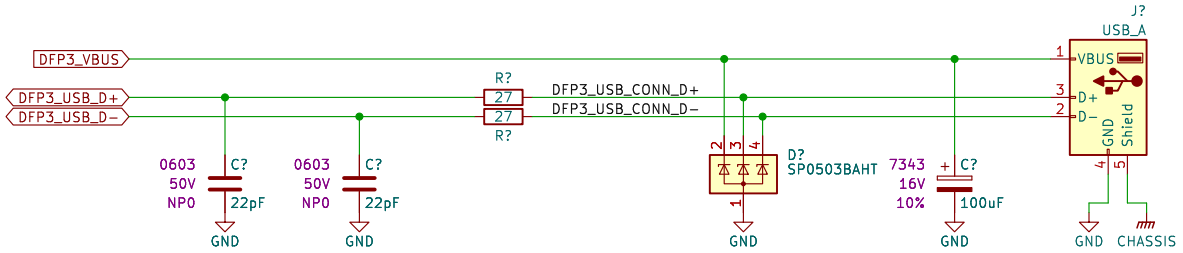
Sheet: /Downstream Port 0/		
File: Downstream_Port_0.kicad_sch		
Title:		
Size: A	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.1		Id: 16/20



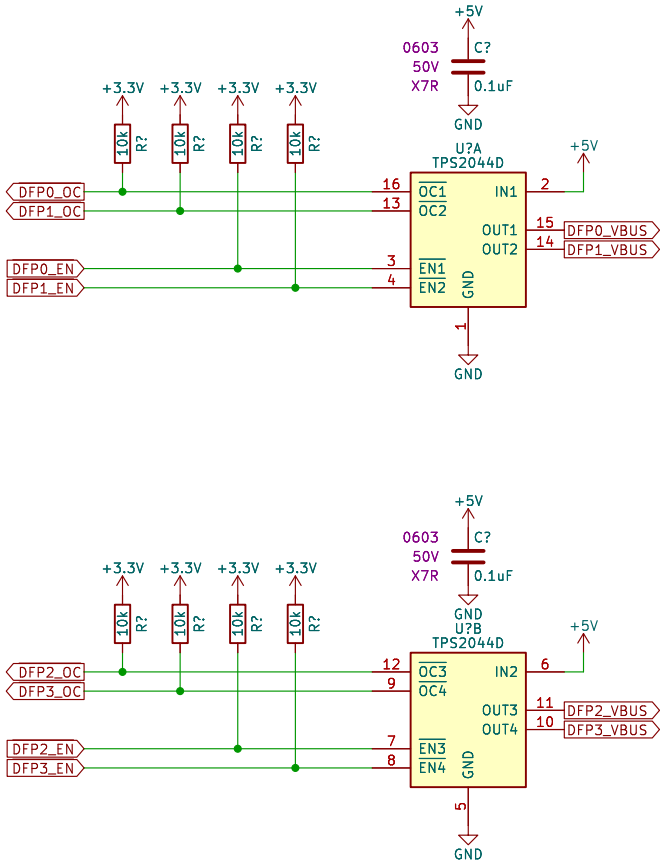
Sheet: /Downstream Port 1/		
File: Downstream_Port_1.kicad_sch		
Title:		
Size: A	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.1		Id: 17/20



Sheet: /Downstream Port 2/		
File: Downstream_Port_2.kicad_sch		
Title:		
Size: A	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.1		Id: 18/20



Sheet: /Downstream Port 3/		
File: Downstream_Port_3.kicad_sch		
Title:		
Size: A	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.1		Id: 19/20



Sheet: /Port Power Control/ File: port_power_control.kicad_sch		
Title:		
Size: A4	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.1		Id: 20/20

Sheet: /Upstream Port/
File: Upstream_Port.kicad_sch

Title:

Size: A	Date:	**Rev:**
KiCad E.D.A. kicad 7.0.1		Id: 22/20