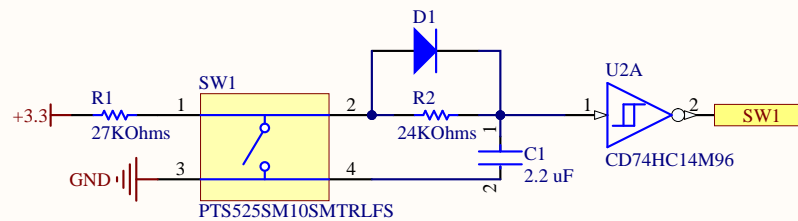
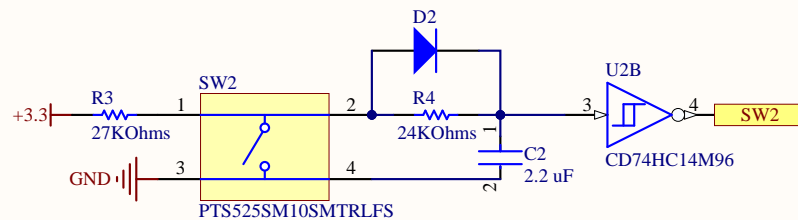


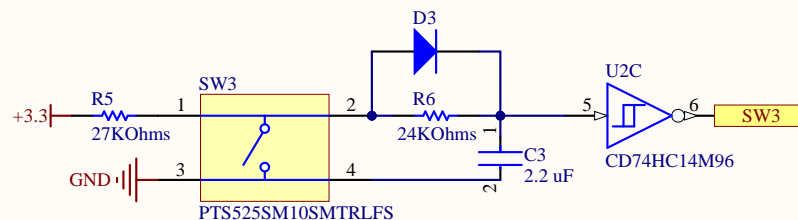
A



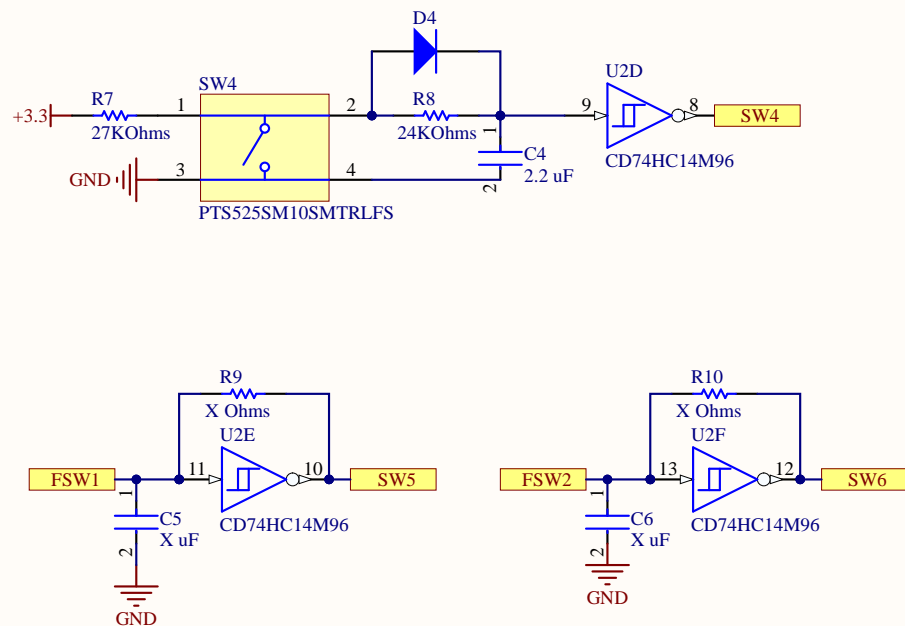
B



C



D



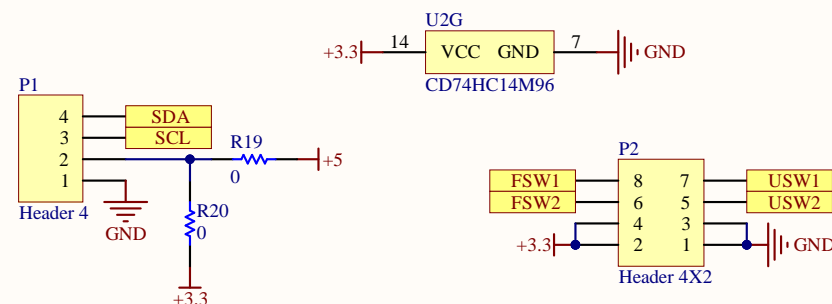
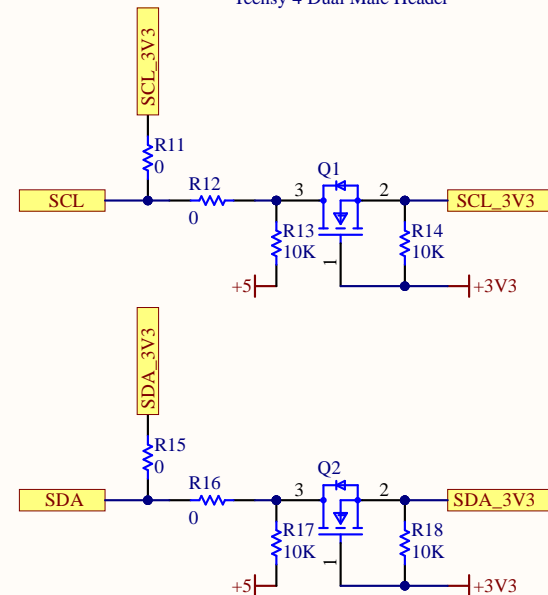
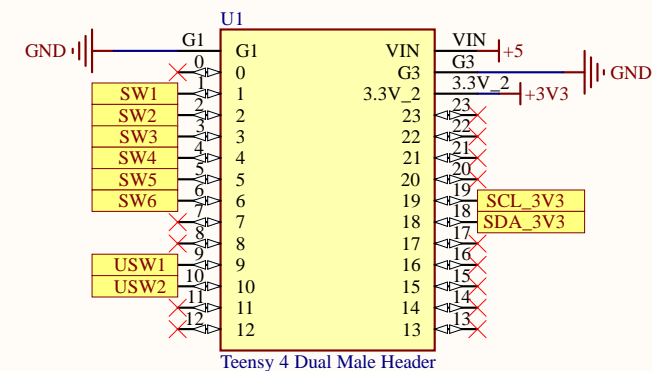
$$F = 0.8 / (R * C) \quad T = (R * C) / 0.8$$

A

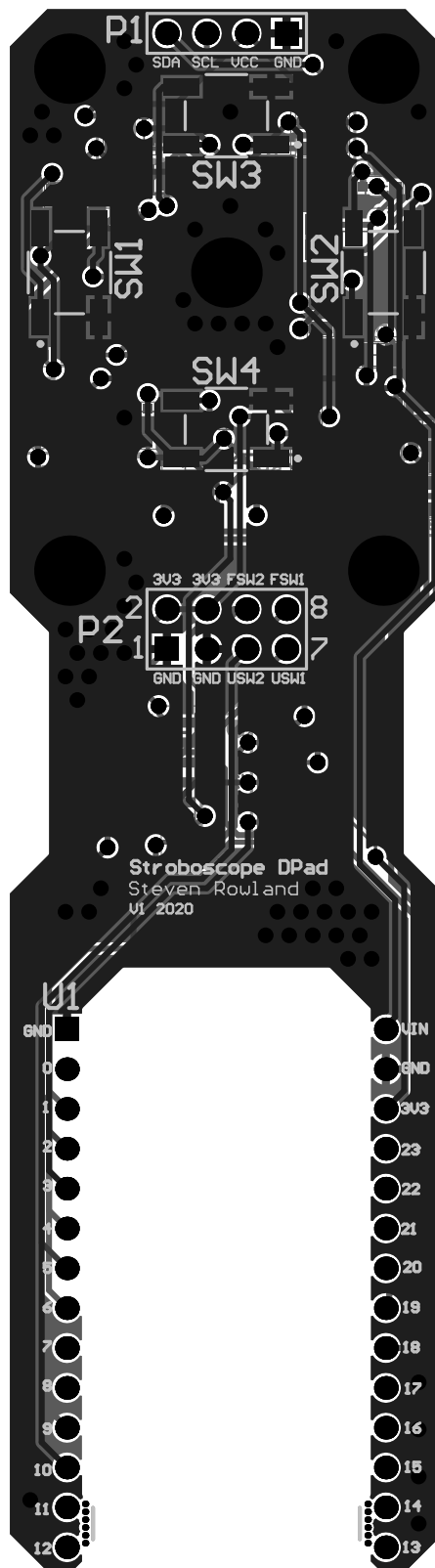
B

C

D



Title		
Size	Number	Revision
A		
Date:	1/01/2021	Sheet of
File:	C:\Users\...\DPad.SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
CC0805KKX7R6BB105	CAP CER 1UF 10V X7R 0805	C1, C2, C3, C4, C5, C6	FP-CC0805-0_85-IPC_B	CMP-03422-000182-1	6
1N4148WS-E3-08	Small Signal Fast Switching Diode, 1.2 V, 350 mA, -55 to 150 degC, 2-Pin SOD-323, RoHS, Tape and Reel 1N4148WS-E3-08	D1, D2, D3, D4	VISH-SOD-323-2_V	CMP-2000-05517-2	4
Header 4	Header, 4-Pin	P1	HDR1X4	CMP-049-0097-1	1
Header 4X2	Header, 4-Pin, Dual row	P2	HDR2X4	CMP-049-0099-1	1
BSS138	MOSFET N-CH 50V 220MA SOT-23	Q1, Q2	FP-318-08-IPC_B	CMP-07173-000101-1	2
CRCW08050000Z0EA		R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	RESC2013X50X30LL20 T20	CMP-2001-04896-1	10
0		R11, R12, R15, R16, R19, R20	RESC2013X50X30LL20 T20	CMP-2001-03735-1	6
10K		R13, R14, R17, R18	RESC2013X50X30LL20 T20	CMP-2001-03735-1	4
PTS525SM10SMTRLFS	Microminiature Tact Switch, SPST-NO, 50 mA, 12 VDC, -40 to 60 degC, 4-Pin SMD, RoHS, Tape and Reel	SW1, SW2, SW3, SW4	CKCP-PTS525SM10SMTR-4_V	CMP-2000-05088-1	4
Teensy 4 Dual Male Header	Header interface for dual female breakout	U1	Teensy 4 Dual Male Header-Footprint-2	CMP-016-0003-2	1
CD74HC14M96	High Speed CMOS Logic Hex Schmitt-Triggered Inverters, D0014A, LARGE T&R	U2	D0014A_M	CMP-1615-00211-3	1