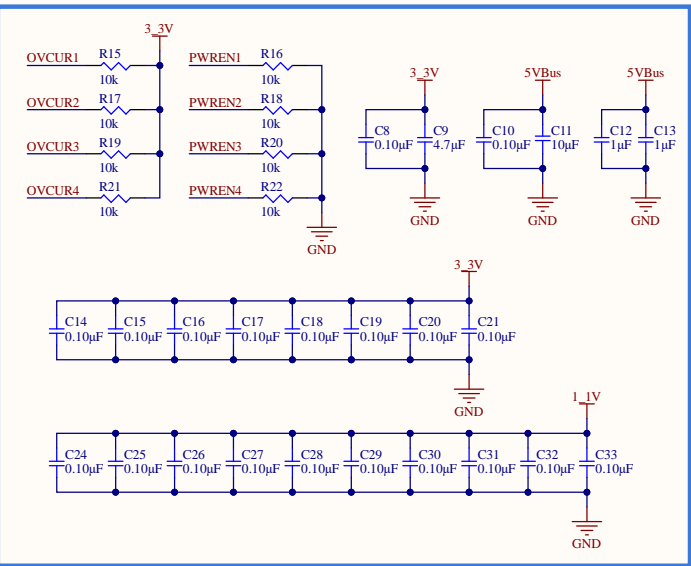
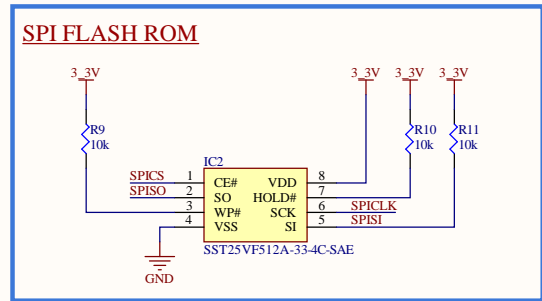
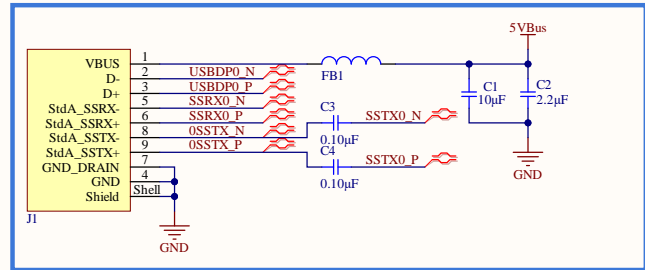
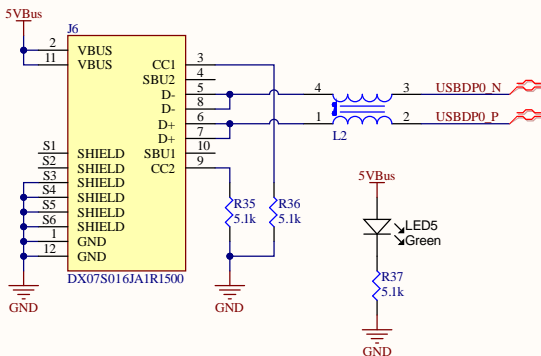
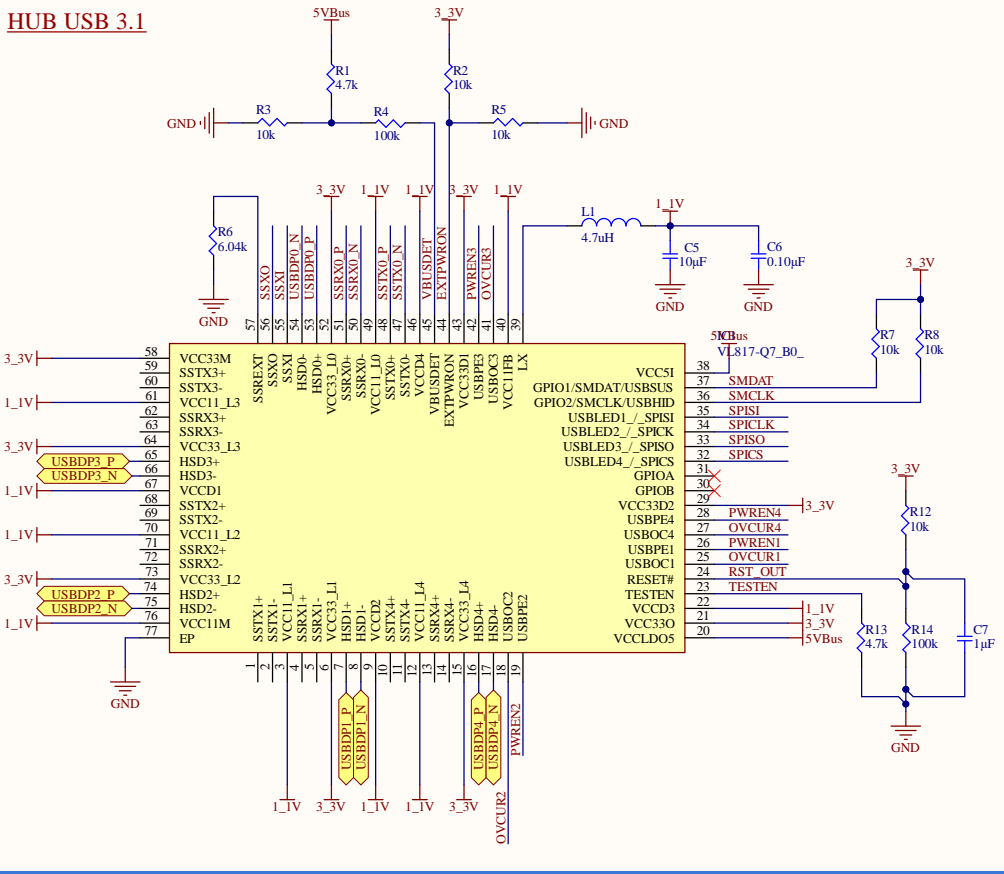


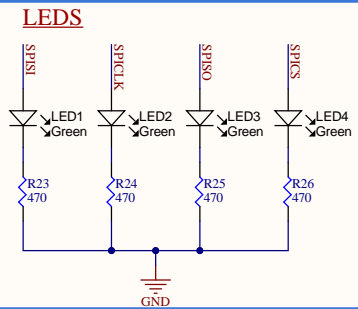
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A4		
Date:	8/12/2024	Sheet of
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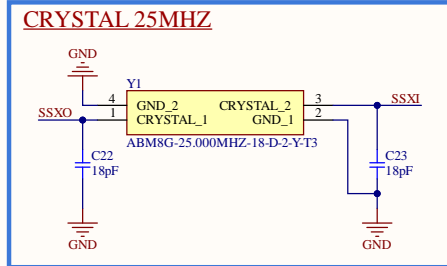
HUB USB 3.1



LEDS



CRYSTAL 25MHZ



Title		
Size	Number	Revision
A4		
Date:	8/12/2024	Sheet of
File:	C:\Users\...\HUB-USB.SchDoc	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity	Digi-Key Part Number
470	RESSMD 470 OHM 5% 1/10W/0402	R23, R24, R25, R26	SMD-0402-RES	ERJ-2GEJ471X	4	P470LCT-ND
100k	RESSMD 100K OHM 1% 1/10W/0402	R4, R14	SMD-0402-RES	ERJ-2RK4F1003X	2	P100KLCT-ND
10k	RESSMD 10K OHM 1% 1/10W/0402	R2, R3, R5, R7, R8, R9, R10, R11, R12, R15, R16, R17, R18, R19, R20, R21, R22	SMD-0402-RES	ERJ-2RK4F1002X	17	P10.0KLCT-ND
6.04k	RESSMD 6.04K OHM 1% 1/10W/0402	R6	SMD-0402-RES	ERJ-2RK4F041X	1	P6.04KLCT-ND
5.1k	RESSMD 5.1K OHM 1% 1/10W/0603	R35, R36, R37	SMD-0603-RES	ERJ-3BK4F5101V	3	P5.1KHCT-ND
4.7k	RESSMD 4.7K OHM 1% 1/10W/0402	R1, R13	SMD-0402-RES	ERJ-2RK4F4701X	2	P4.70KLCT-ND
0.0	RESSMD 0.0 OHM JUMPER 1/10W/0603	R27, R28, R29, R30, R31, R32, R33, R34	SMD-0603-RES	ERJ-3GEY0R00V	8	P0.0GCT-ND
4.7µF	CAP CER 4.7UF 10V X5R 0402	C9	SMD-0402C	ZR615XR61A475KE 01D	1	480-13252-1-ND
10µF	CAP CER 10UF 16V X6S 0605	C11	SMD-0805C	GRT21B031C106KE 01L	1	480-12343-1-ND
2.2µF	CAP CER 2.2UF 16V X6S 0603	C2	SMD-0603C	GRT188C31C225KE 13D	1	480-12287-1-ND
10µF	CAP CER 10UF 16V X6S 0603	C1, C5	SMD-0603C	GRT188C31C106ME 13D	2	480-12286-1-ND
1µF	CAP CER 1UF 25V X6R 0402	C7, C12, C13	SMD-0402C	GRM155R61E105M A12D	3	480-10018-1-ND
0.10µF	CAP CER 0.1UF 16V X7R 0402	C3, C4, C6, C8, C10, C14, C15, C16, C17, C18, C19, C20, C21, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33	SMD-0402C	GQM155R71C104K A65J	23	480-7998-1-ND
18pF	CAP CER 18PF 25V NPO 0402	C22, C23	SMD-0402C	GRM1555C1E180JA 01D	2	480-6172-1-ND
4.7uH	Ind Power Chip Wirewound 4.7uH 20% 7.96MHz Ferrite 1.1A 1007 T/R	L1	INDC2518X200 N	CB2518T4R7M	1	
10Ohm	WECSA SMT EMI Suppression Ferrite Bead, size 0402, 10Ohm, 1.5A	FB1	WE- CSA_0402_L1W 0.9H0.5_HC	782423100	1	
90Ohm	WE CNSW SMT Common Mode Line Filter, size 1206, 90Ohm, 0.11uH, 50V	L2	WE- CNSW_1206	744232090	1	
691322110002	WR-TBL Series 3221 Horizontal PCB Header, Pluggable, THT, pitch 3.5mm, 2p	P1	691322110002	691322110002	1	
692122030100	WR-COM USB 3.0 Type A Horizontal SMT	J1	692122030100	692122030100	1	
ABM8G-25.000MHZ-18- D-2-Y-T3	Crystal or Oscillator	Y1	ABM8G16000M HZB4YT	ABM8G-25.000MHZ- 18-D-2-Y-T3	1	
DX07S016JA1R1500	USB-C (USB TYPE-C) USB 2.0 Receptacle Connector 24 (16+8 Dummy) Position Surface Mount, Right Angle, Through Hole	J6	JAE_DX07S016J A1R1500	DX07S016JA1R150 0	1	
Green	LED 0603 SMD Green 525nm 350mcd 20mA LED 0603 SMD Green 570nm 50mcd 20mA	LED1, LED2, LED3, LED4, LED5	LED-0603- GREEN	LED_SMD_Green_0 603_525nm_350mc d, LED_SMD_Green_0 603_570nm	5	
SDR_Module		SDR1, SDR2, SDR3, SDR4	SDR	SDR_Module	4	
SMA-J-P-H-ST-EM1	SMA Connector Jack, Female Socket 50Ohm Board Edge, End Launch Solder	J2, J3, J4, J5	SAMTEC SMA-J- P-H-ST-EM1	SMA-J-P-H-ST-EM1	4	
SST25VF512A-33-4C- SAE	Integrated Circuit	IC2	SOIC127P600X1 75-8N	SST25VF512A-33- 4CSAE	1	
VL817-Q7_B0_	Integrated Circuit	IC1	QFN40P900X90 0X80-77N-D	VL817-Q7_B0_	1	