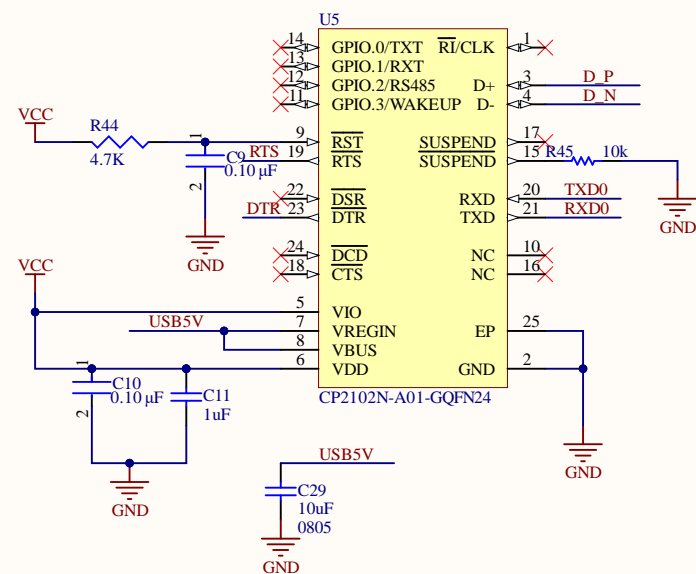
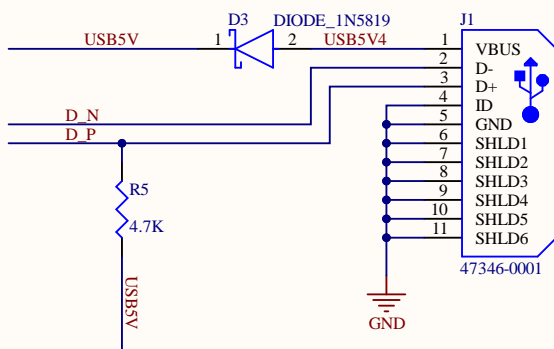
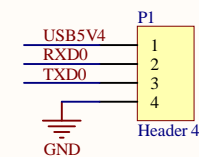
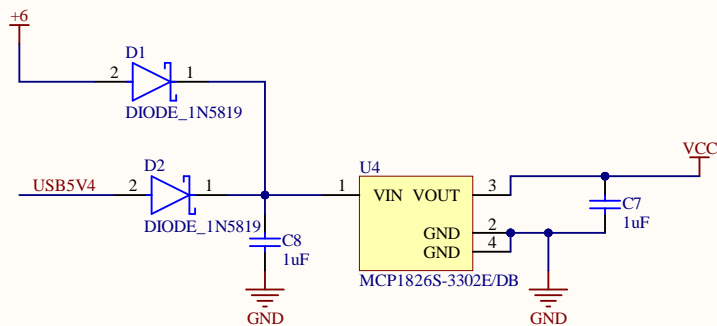
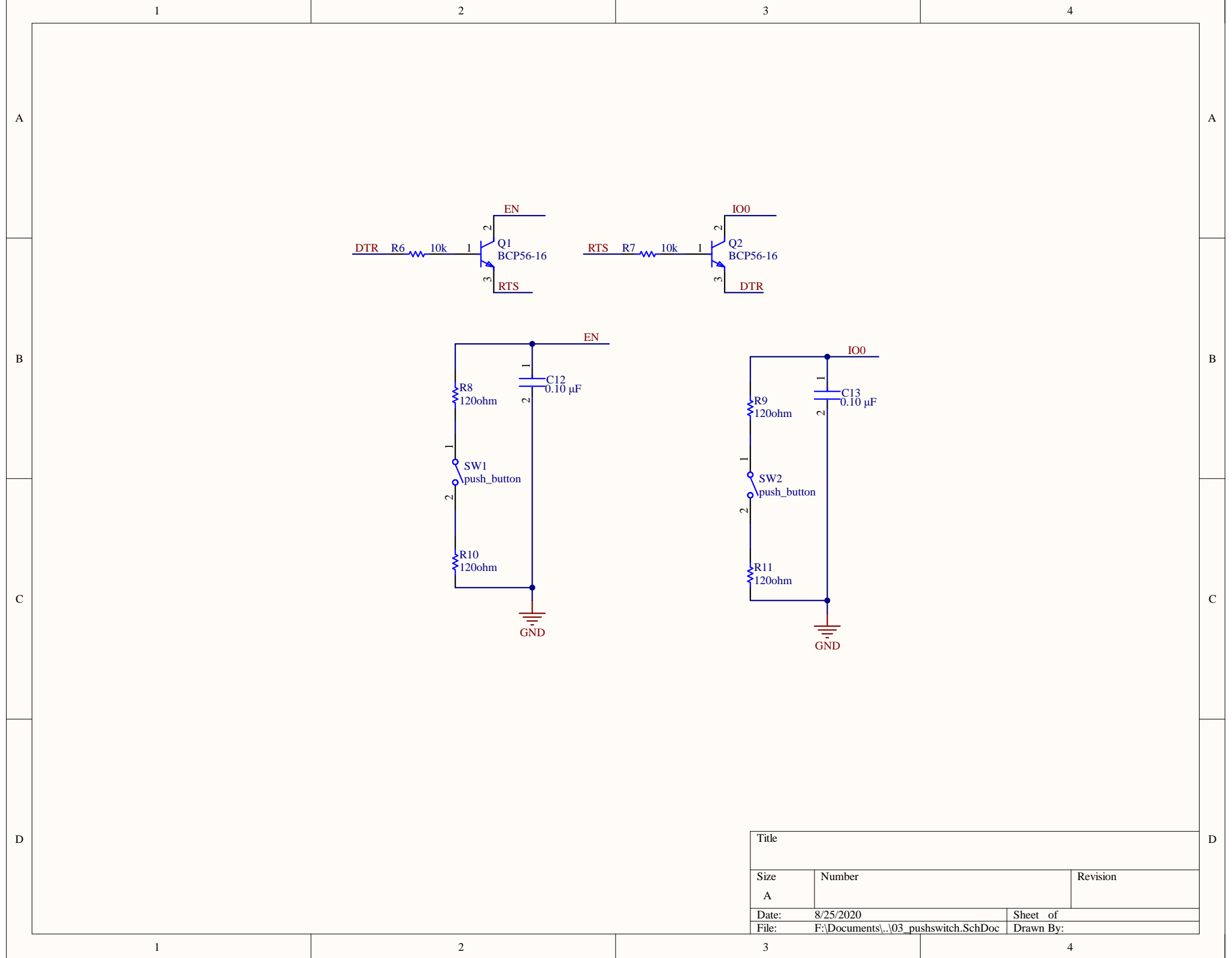
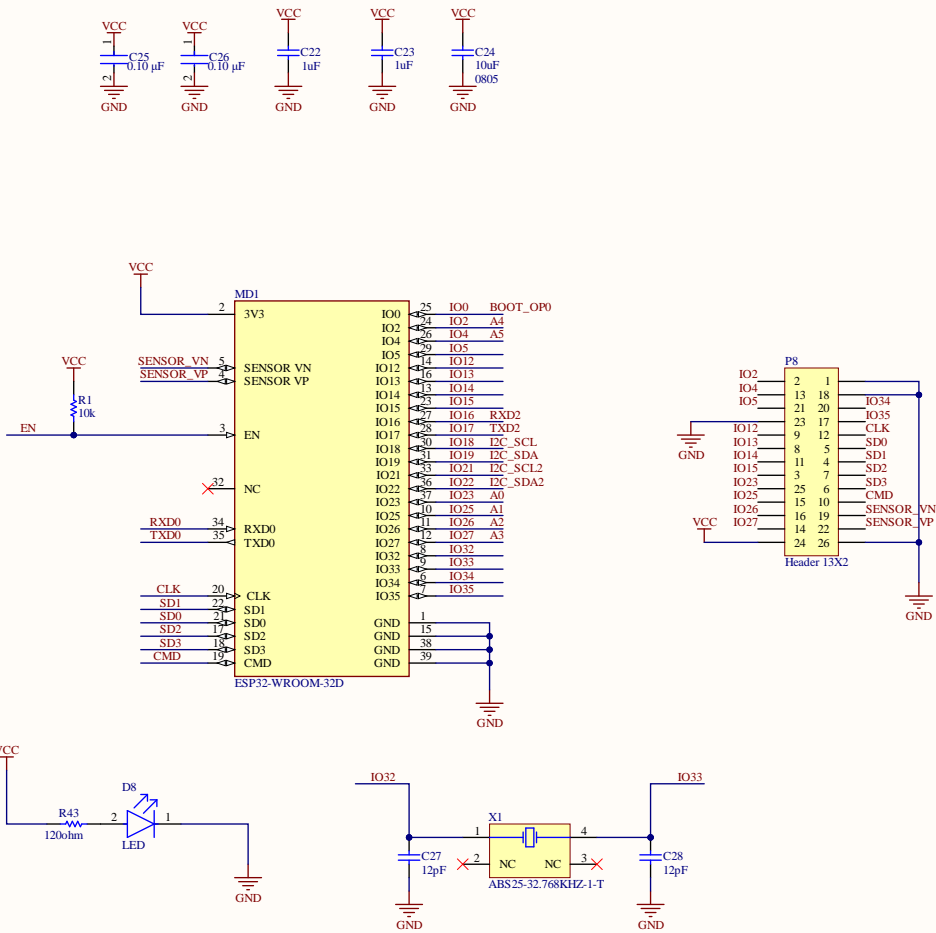
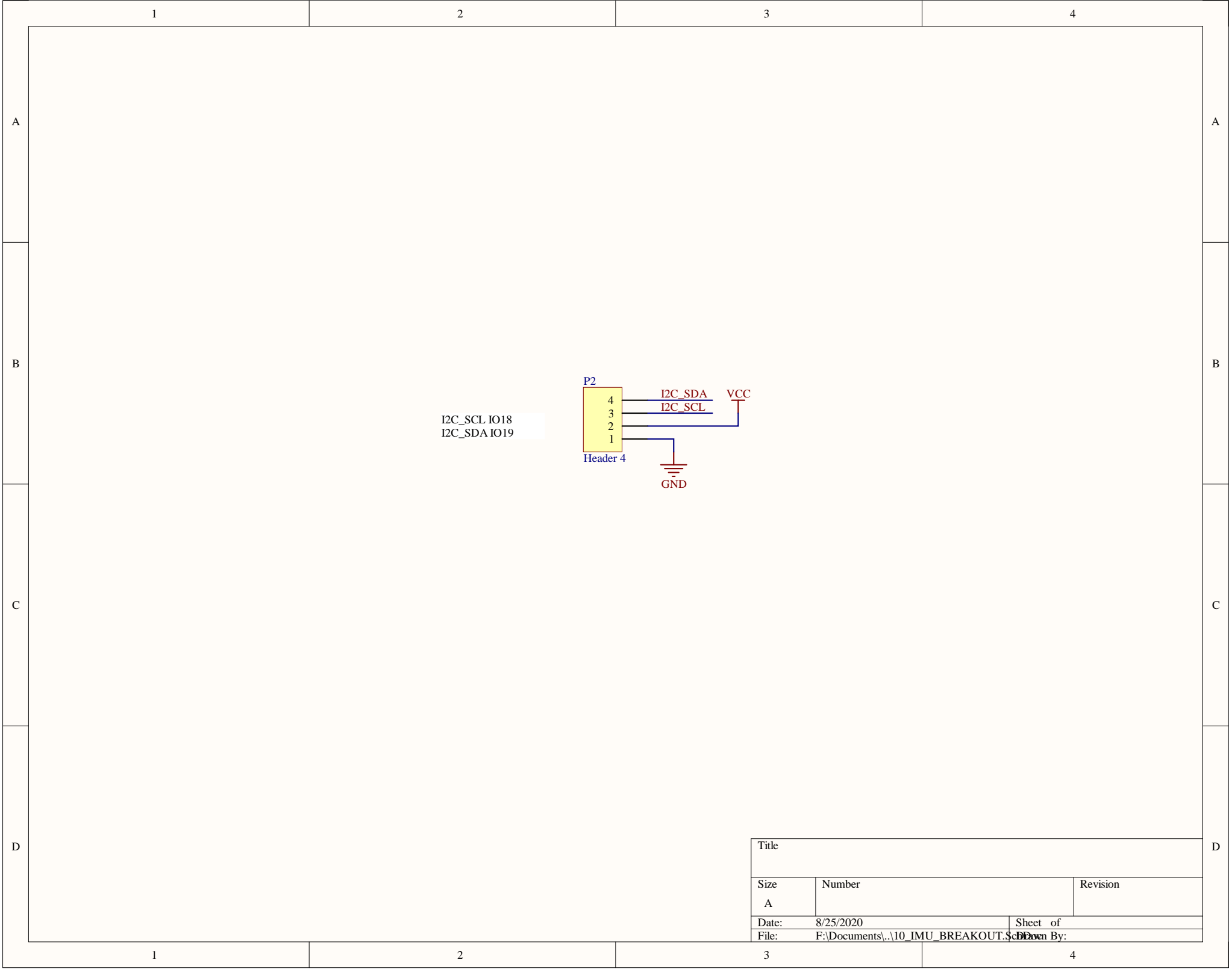


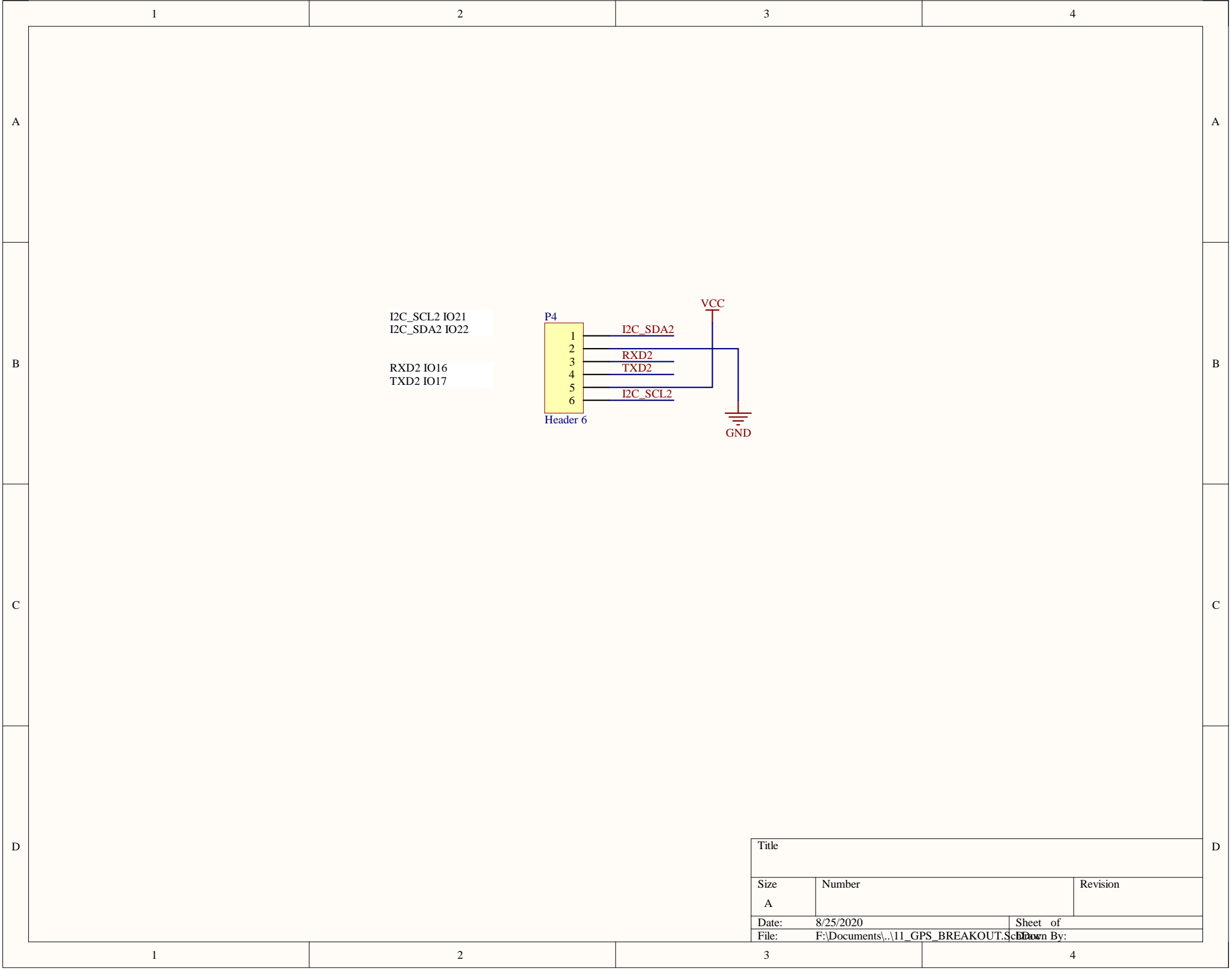
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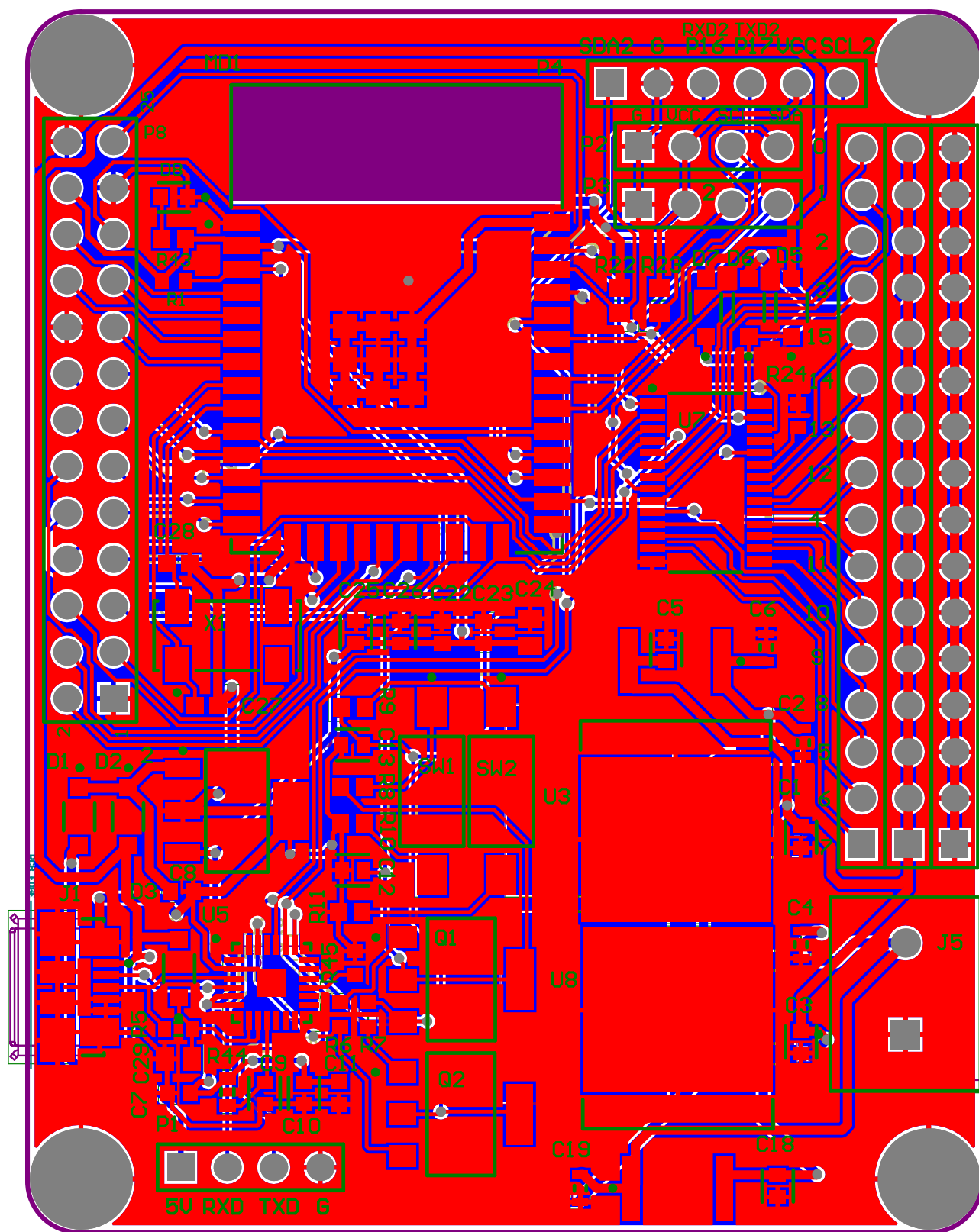












Comment	Description	Designator	Footprint	LibRef	Quantity
C0603_0.1UF	CAP CER 0.1UF 16V X7R 0603	C1, C3, C5, C9, C10, C12, C13, C18, C25, C26	FP-C0603C-CF-MFG	CMP-03020-016578-1	10
C0603_0.33UF	Chip Capacitor, 0.33 uF, +/- 10%, 50 V, -55 to 125 degC, 0603 (1608 Metric), RoHS, Tape and Reel	C2, C4, C6, C19	CAPC1608X90K20LL10	CMP-2000-07551-1	4
C0603_1UF		C7, C8, C11, C22, C23	CAPC1608X87X35LL15 T15	CMP-2006-03318-1	5
C0805_10UF		C24, C29	CAPC2013X135X50LL1 0T20	CMP-2007-03453-1	2
CC0603JRNPO9BN120	Chip Capacitor, 12 pF, +/- 5%, 50 V, -55 to 125 degC, 0603 (1608 Metric), RoHS, Tape and Reel	C27, C28	CAPC1608X90K40NL1 0T20	CMP-1659-00031-1	2
DIODE_1N5819	DIODE SCHOTTKY 40V 1A SOD123	D1, D2, D3, D5, D6, D7	FP-SOD123-MFG	CMP-12790-000018-1	6
LED	LED GREEN CLEAR CHIP SMD	D8	FP-LTST-C190GKT-MFG	CMP-22017-000005-1	1
47346-0001	Micro-USB B Receptacle with Flange, -30 to 85 degC, 5-Pin SMD, RoHS, Tape and Reel	J1	MOLX-47346-0001-5_V	CMP-2000-05246-1	1
282836-2	Female Header, Pitch 5 mm, 1 x 2 Position, Height 10 mm, Tail Length 3.5 mm, Rohs, Bulk	J5	TECO-282836-2_V	CMP-1684-00017-1	1
ESP32-WROOM-32D	WIFI MODULE 32MBITS SPI FLASH	MD1	FP-ESP32-WROOM-32D-MFG	CMP-194065-000003-1	1
Header 4	Header, 4-Pin	P1, P2, P3	HDR1X4	Header 4	3
Header 6	Header, 6-Pin	P4	HDR1X6	Header 6	1
Header 16	Header, 16-Pin	P5, P6, P7	HDR1X16	Header 16	3
Header 13X2	Header, 13-Pin, Dual row	P8	HDR2X13	Header 13X2	1
BCP56-16	TRANS NPN 80V 1A SOT-223	Q1, Q2	FP-SOT-223-P008-MFG	CMP-12195-000003-1	2
R0603_10K	Chip Resistor, 10 KOhm, +/- 1%, 0.1 W, 55 to 155 degC, 0603 (1608 Metric), RoHS, Tape and Reel	R1, R6, R7, R24, R45	RESC1609X55X30LL15 T15	CMP-2000-07452-1	5
R0603_4.7K	Resistor	R5, R44	J1-0603	Res3	2
R0603_120R		R8, R9, R10, R11, R43	RESC1608X55X30NL20 T20	CMP-2000-00896-1	5
R0603_2.4K		R22, R23	RESC1608X50X30ML2 0T20	CMP-2000-02561-1	2
push_button	FSMSM Push Button Switch, 50 mA, -35 to 85 degC, 2-Pin SMD, RoHS, Tape and Reel	SW1, SW2	TECO-FSMSMTR_V	CMP-2000-07501-1	2
L7806CD2T-TR	Positive Voltage Regulator, 3-Pin D2PAK, Tape and Reel	U1, U2, U3, U8	TO-263_L	CMP-0244-00208-1	4
MCP1826S-3302E/DB	1000 mA, Low Voltage, Low Quiescent Current LDO Regulator, 3-Pin SOT-223, Extended Temperature	U4	SOT-223-DB3_L	CMP-0136-00504-1	1
CP2102N-A01-GQFN24	USBXpress(TM) Family, 4 GPIOs, 2.2 to 3.6 V, -40 to 85 degC, 24-Pin QFN, RoHS	U5	SLAB-OFN-24-2550x2550TP_A_V	CMP-2000-07570-1	1
PCA9685PW	16-Channel, 12-Bit PWM Fm+ I2C-Bus LED Controller, 2.3 to 5.5 V, -40 to 85 degC, 28-Pin TSSOP (SOT361-1), RoHS, Tape and Reel	U7	SOT361-1_V	CMP-1595-00004-2	1
ABS25-32.768KHZ-1-T	Low Frequency Crystal, 32.768 KHz, -40 to 85 degC, 4-Pin SMD, RoHS, Tape and Reel	X1	ABRA-ABS25-4_V	CMP-2000-05736-1	1