

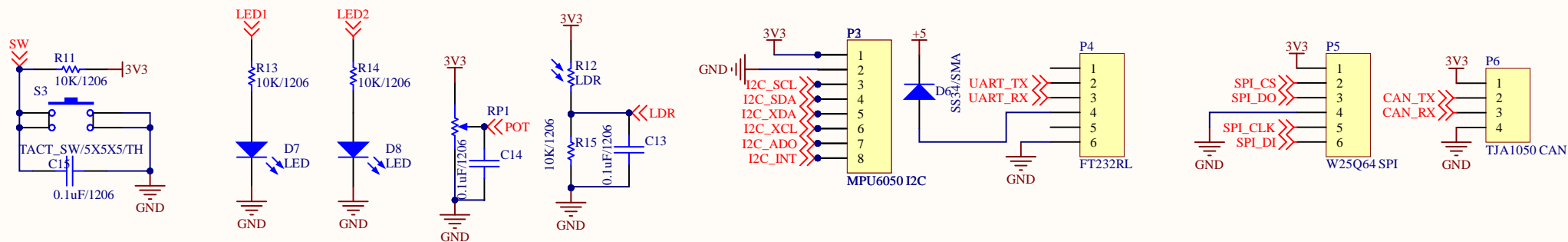
1

2

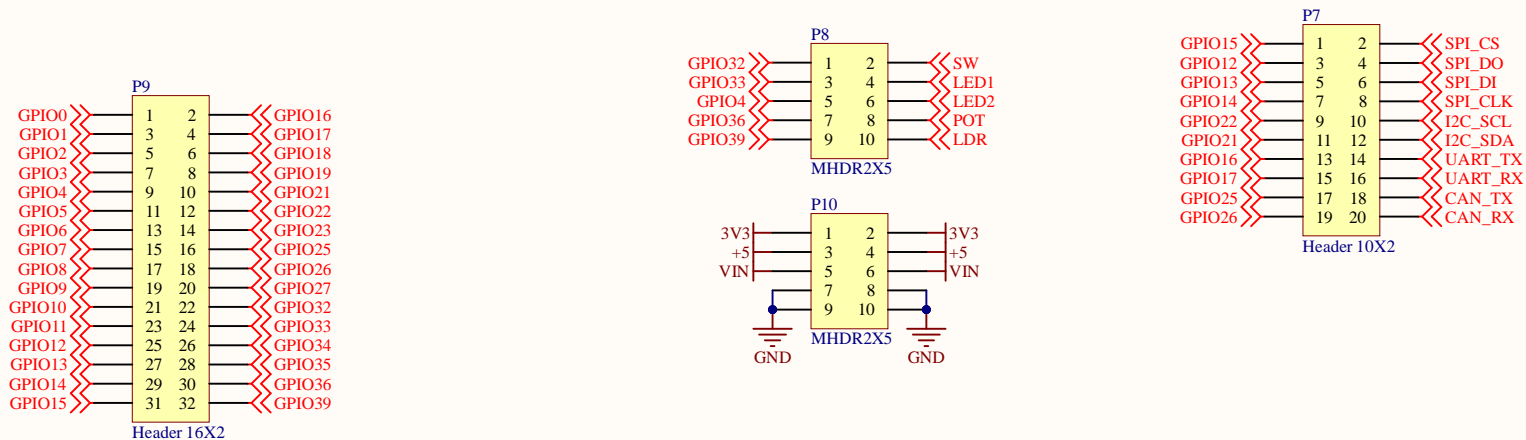
3

4

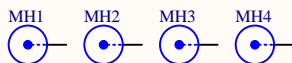
A



B



C



D

1

2

3

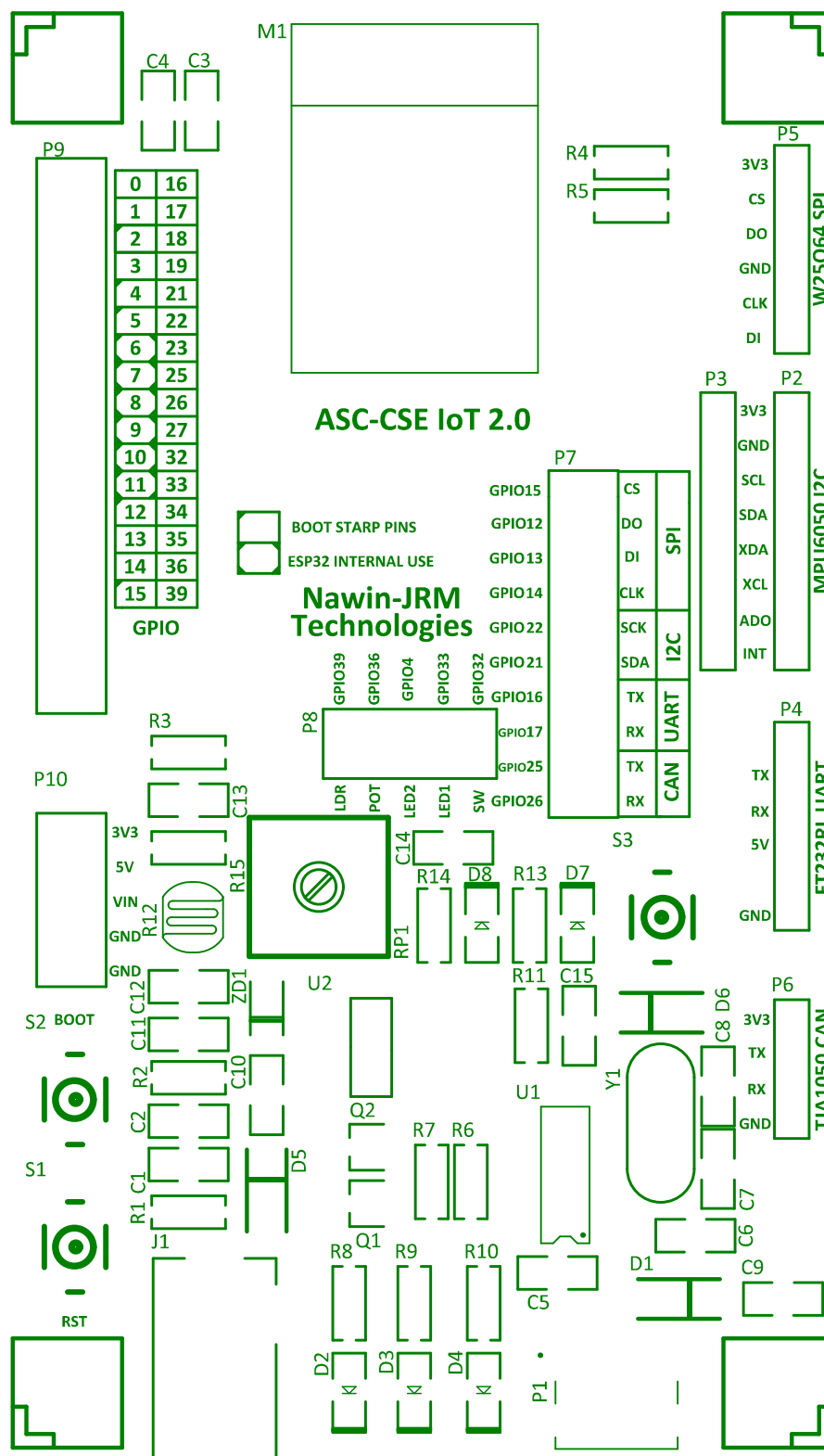
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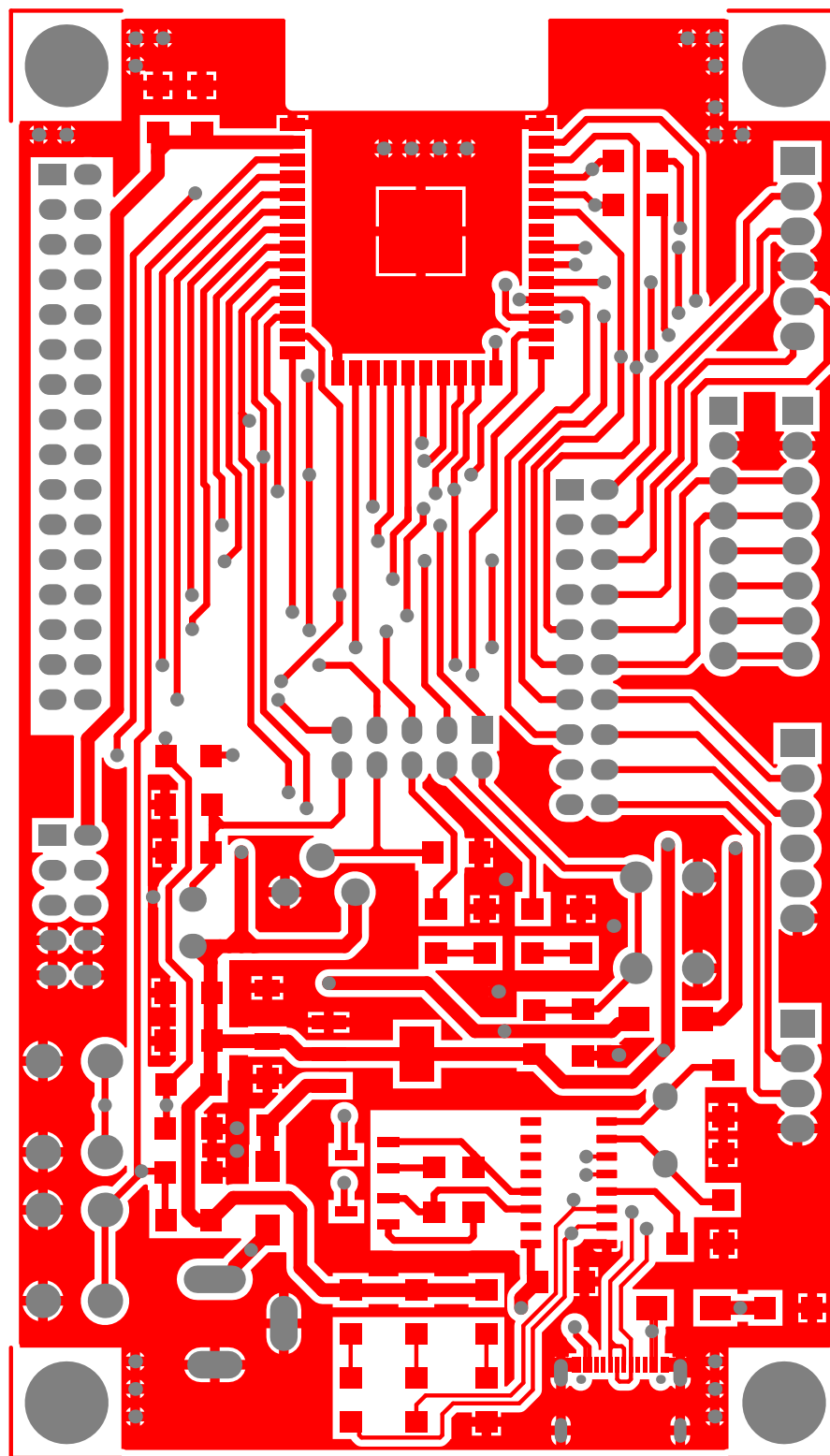
A

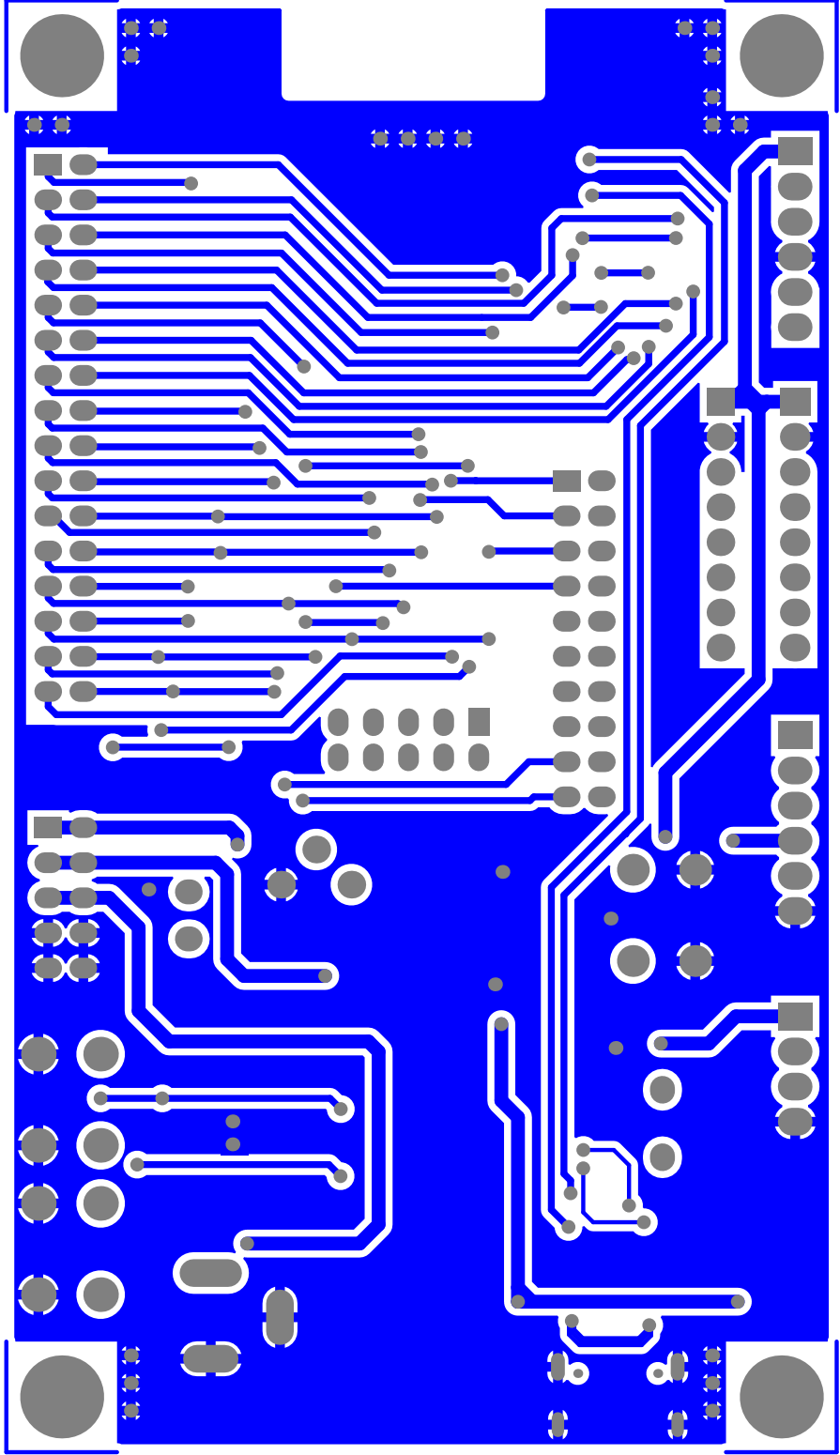
B

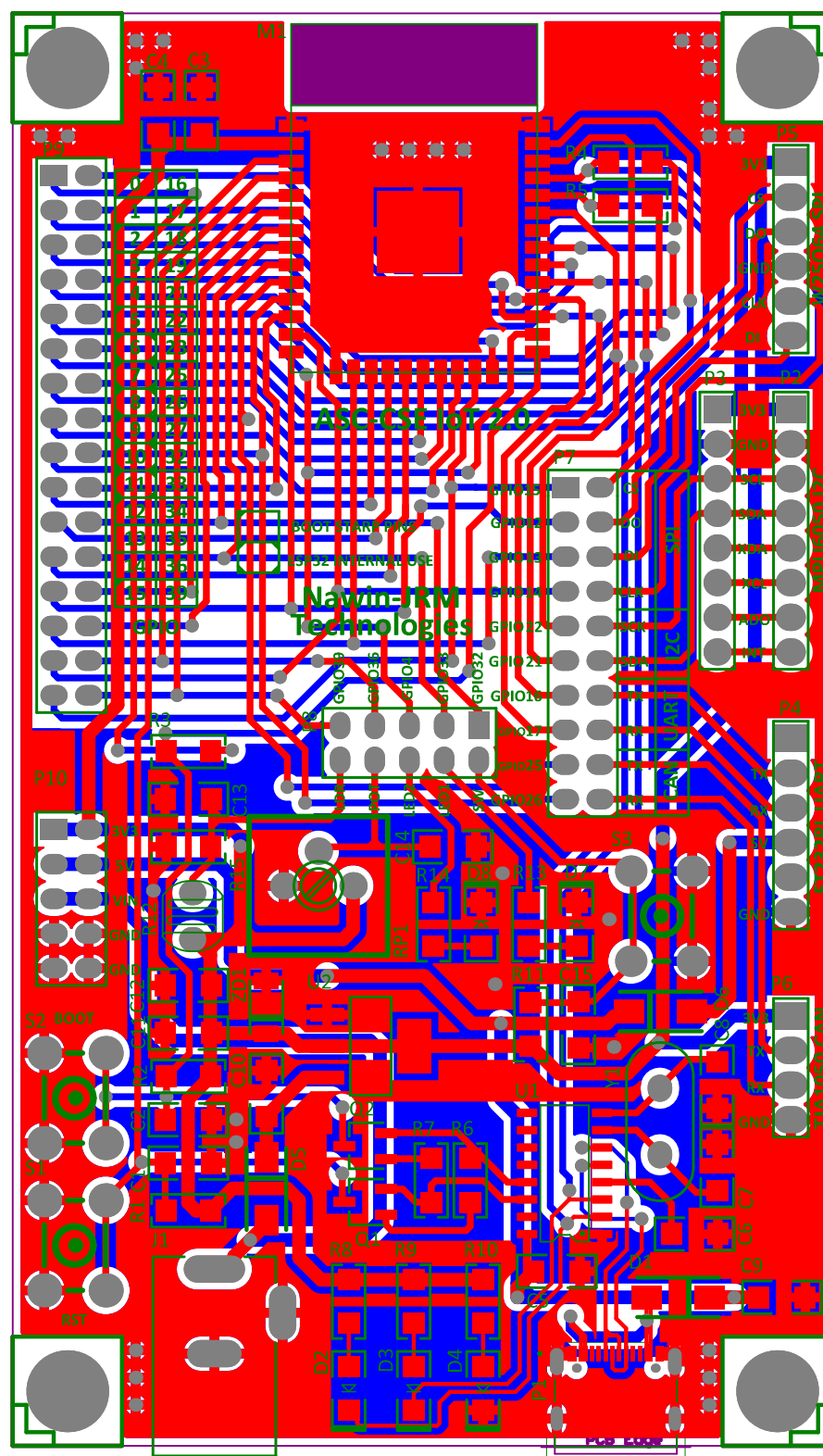
C

D









Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF/1206		C1, C2, C3, C4, C5, C6, C9, C13, C14, C15	C1206w	Capacitor Non Polarity	10
capcitor		C7, C8	C1206w	Capacitor Non Polarity	2
0.1uF/25V/1206		C10, C11, C12	C1206w	Capacitor Non Polarity	3
SS34/SMA		D1, D5, D6	DIODE SMA/D0-214AC	Diode	3
LED		D2, D3, D4, D7, D8	LED1206W	LED	5
PWR2.5	Low Voltage Power Supply Connector	J1	DC JACK 2.54	PWR2.5	1
ESP32S_Module	Esp-32S	M1	ESP32S	ESP32S_Module	1
MOUNTING HOLE		MH1, MH2, MH3, MH4	MOUNT_3.5MM	MOUNTING HOLE	4
USB-TYPE-C		P1	USB-TYPE-C_KSTC0844_16 PIN	USB-TYPE-C	1
MPU6050 I2C	Header, 8-Pin	P2, P3	HDR1X8	Header 8	2
FT232RL	Header, 6-Pin	P4	HDR1X6	Header 6	1
W25Q64 SPI	Header, 6-Pin	P5	HDR1X6	Header 6	1
TJA1050 CAN	Header, 4-Pin	P6	BUG_STREP 4X1	Header 4	1
Header 10X2	Header, 10-Pin, Dual row	P7	HDR2X10	Header 10X2	1
MHDR2X5	Header, 5-Pin, Dual row	P8, P10	HDR2X5	MHDR2X5	2
Header 16X2	Header, 16-Pin, Dual row	P9	HDR2X16	Header 16X2	1
BC847/SOT23		Q1, Q2	SOT23_TRANSISTER	NPN_TRANSISTOR	2
10K/1206		R1, R2, R6, R7, R11, R13, R14, R15	1206w	Resistor	8
10E/1206		R3, R4, R5	1206w	Resistor	3
2K2/1206		R8, R9	1206w	Resistor	2
1K/1206		R10	1206w	Resistor	1
LDR		R12	LDR_5MM	LDR	1
POT		RP1	POT_3386	POT	1
TACT_SW/5X5X5/TH		S1, S2, S3	TACT_SW_5X5X	Push Switch_4pin	3
CH340G		U1	CH340G SOIC-16	CH340G	1
1117/3V3/SOT223		U2	SOT223	1117	1
CRYSTAL		Y1	CRYSTAL	CRYSTAL OSC	1
3V3/SOD80		ZD1	DIODE - SOD80	Diode_Zener	1