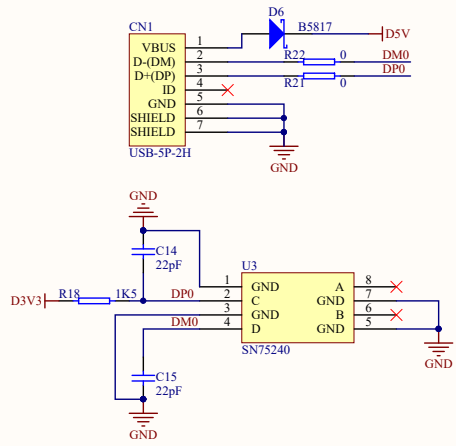
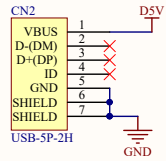


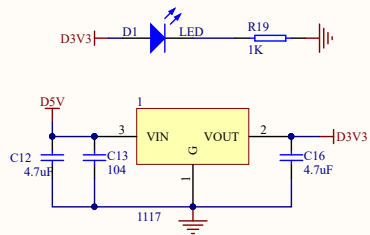
Upstream Port



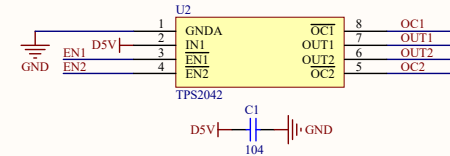
Ex-Power

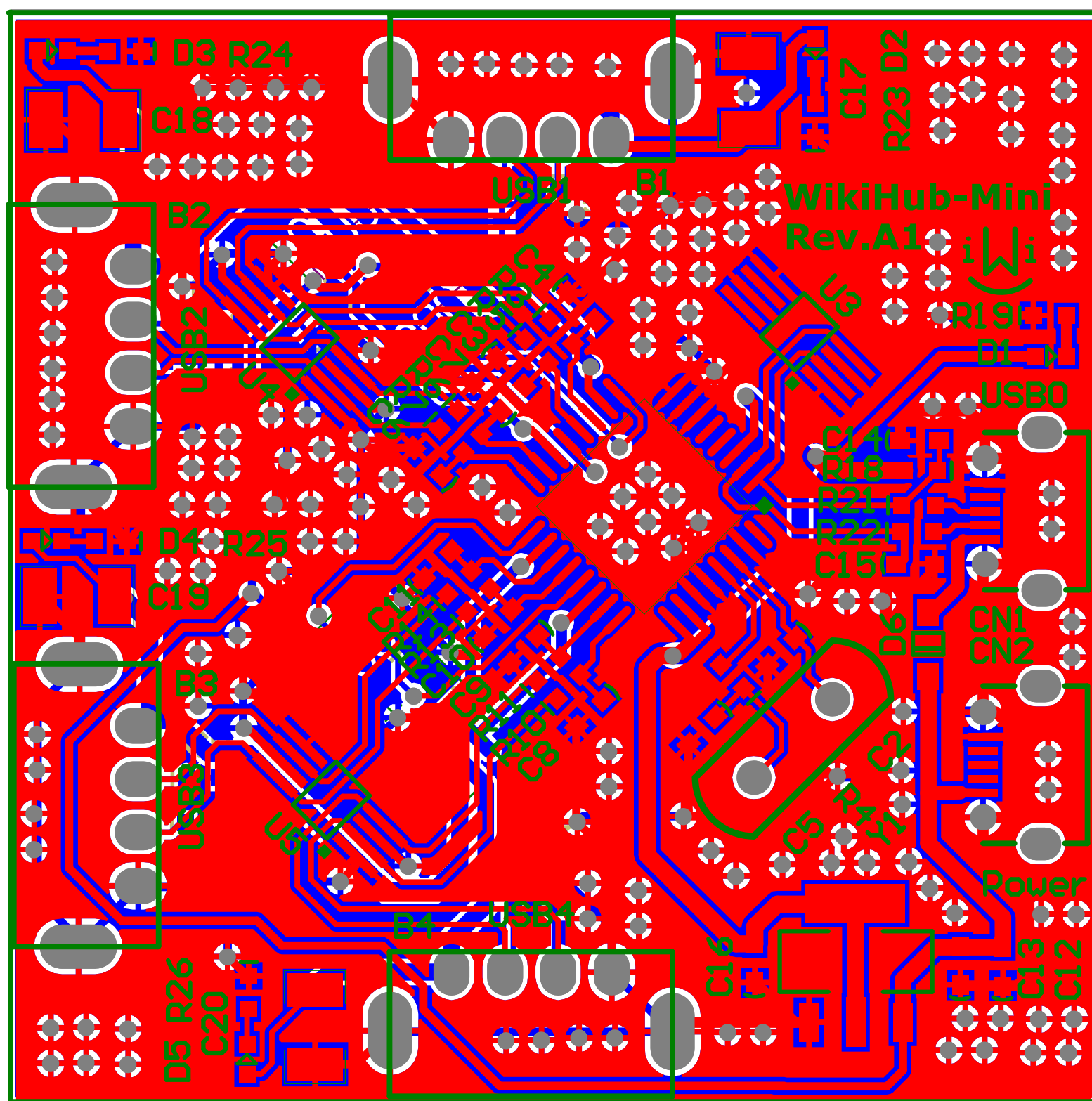


IO Power



Downstream Port





Comment	Description	Designator	Footprint	LibRef	Quantity
1117		1	1117	117	1
USB		B1, B2, B3, B4	USB-A-Female-T2-Lite	USB	4
Cap	Capacitor	C1, C12, C13, C16, C21	C0603L	Cap	5
27pF	Capacitor	C2, C5	C0603L	Cap	2
22pF	Capacitor	C3, C4, C6, C7, C8, C9, C10, C11, C14, C15	C0603L	Cap	10
100uF	Capacitor	C17, C18, C19, C20	1210	CAP	4
USB-5P-2H	USB-M5P-2H	CN1, CN2	USB-B-MICRO-Female-T3	USB-5P-2H	2
LED	Typical INFRARED GaAs LED	D1, D2, D3, D4, D5	0603pn	LED0	5
B5817	Schottky Diode	D6	SOD-123	D Schottky	1
15K		R1, R2, R8, R9, R12, R15, R16, R17	R0603	RES	8
27		R3, R5, R6, R7, R10, R11, R13, R14	R0603	RES	8
1.5K		R4	R0603	RES	1
1K5		R18	R0603	RES	1
1K		R19, R23, R24, R25, R26	R0603	RES	5
0		R21, R22	R0603	RES	2
TUSB 32		U1	TQFP32	TUSB 32	1
TPS2042		U2, U6	SO8W_M	TPS2042	2
SN75240		U3, U4, U5	SOP8 - 0.65	SN75240	3
6M	Crystal Oscillator	Y1	XTAL	XTAL	1