





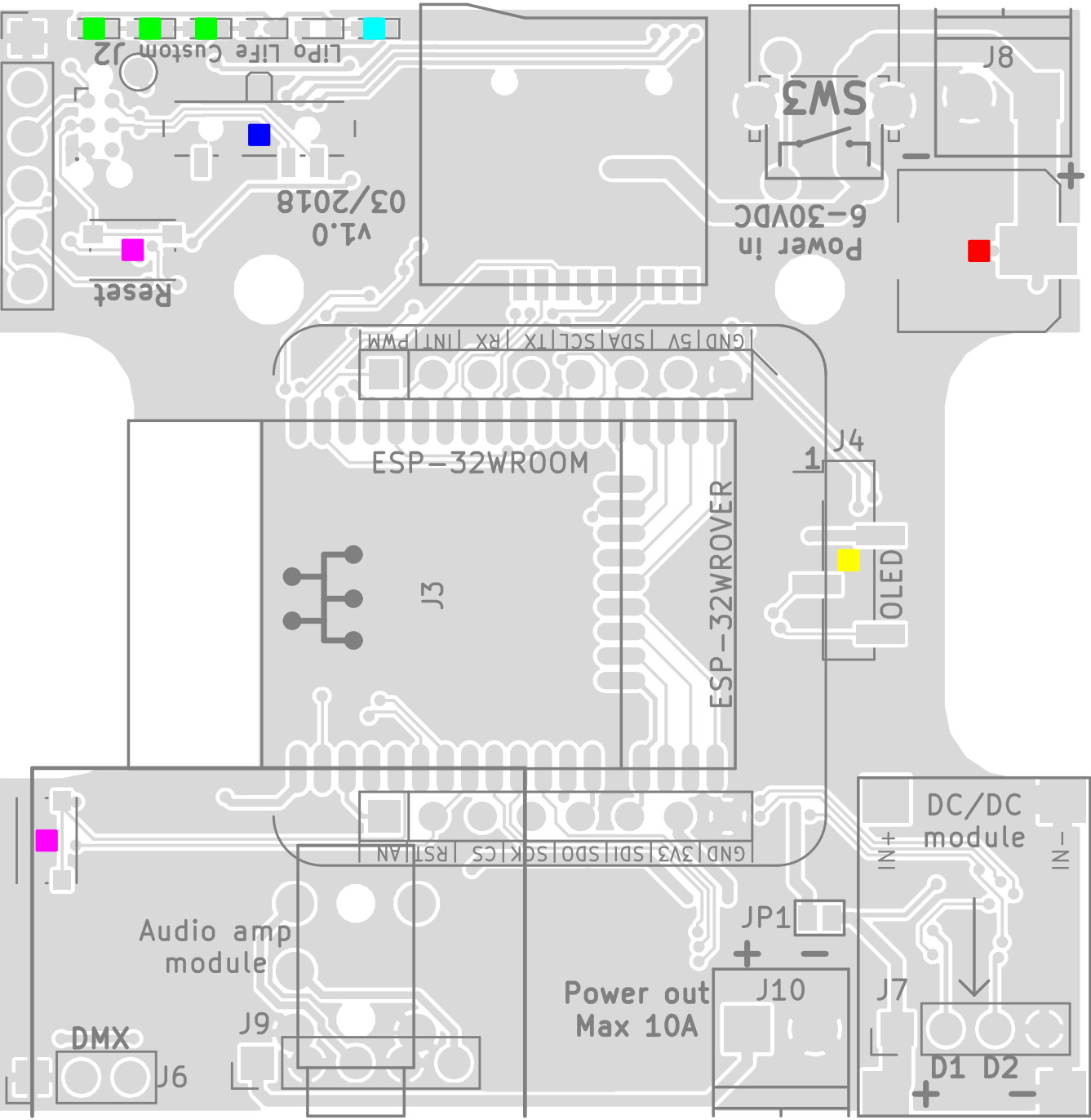

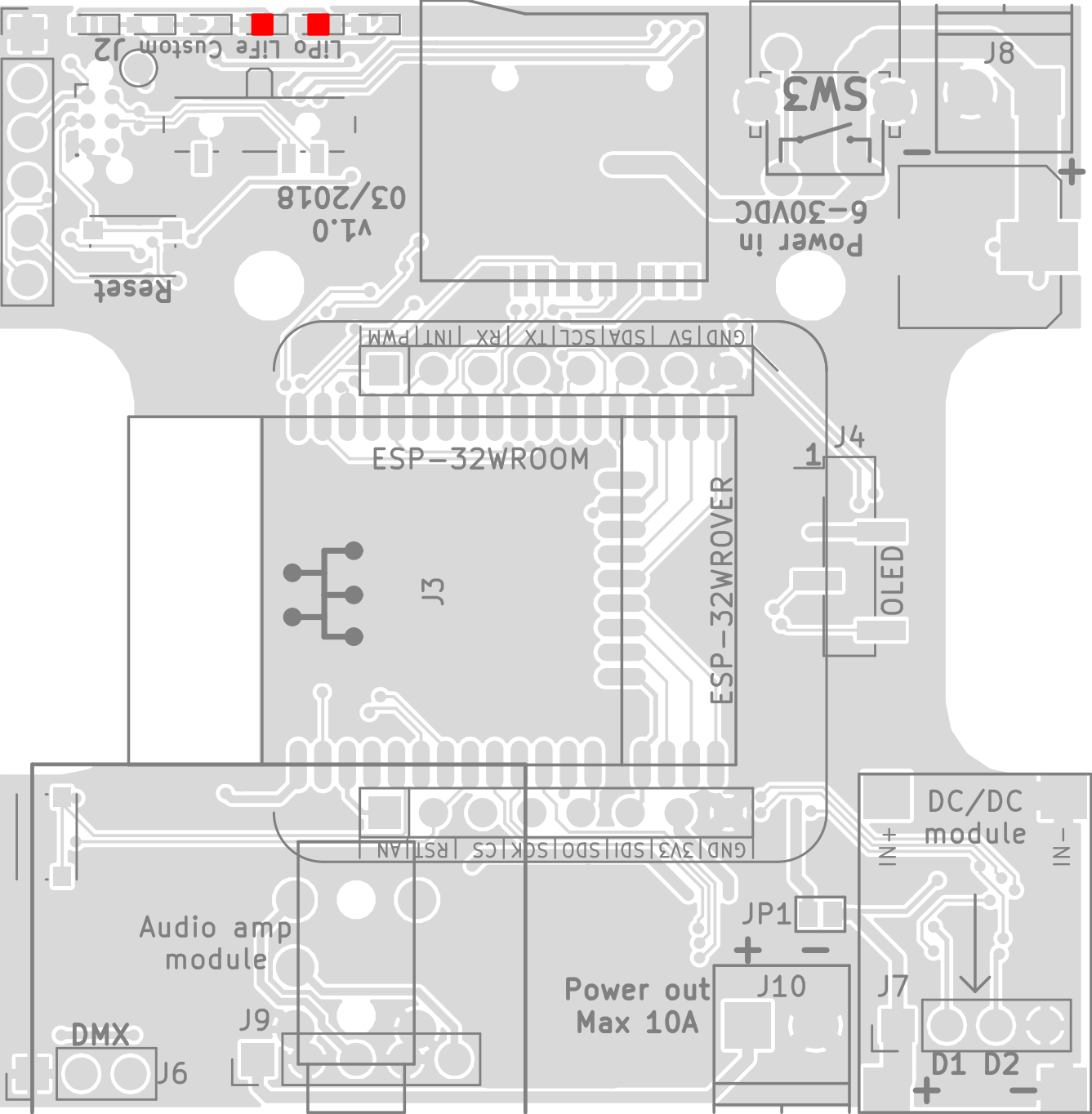








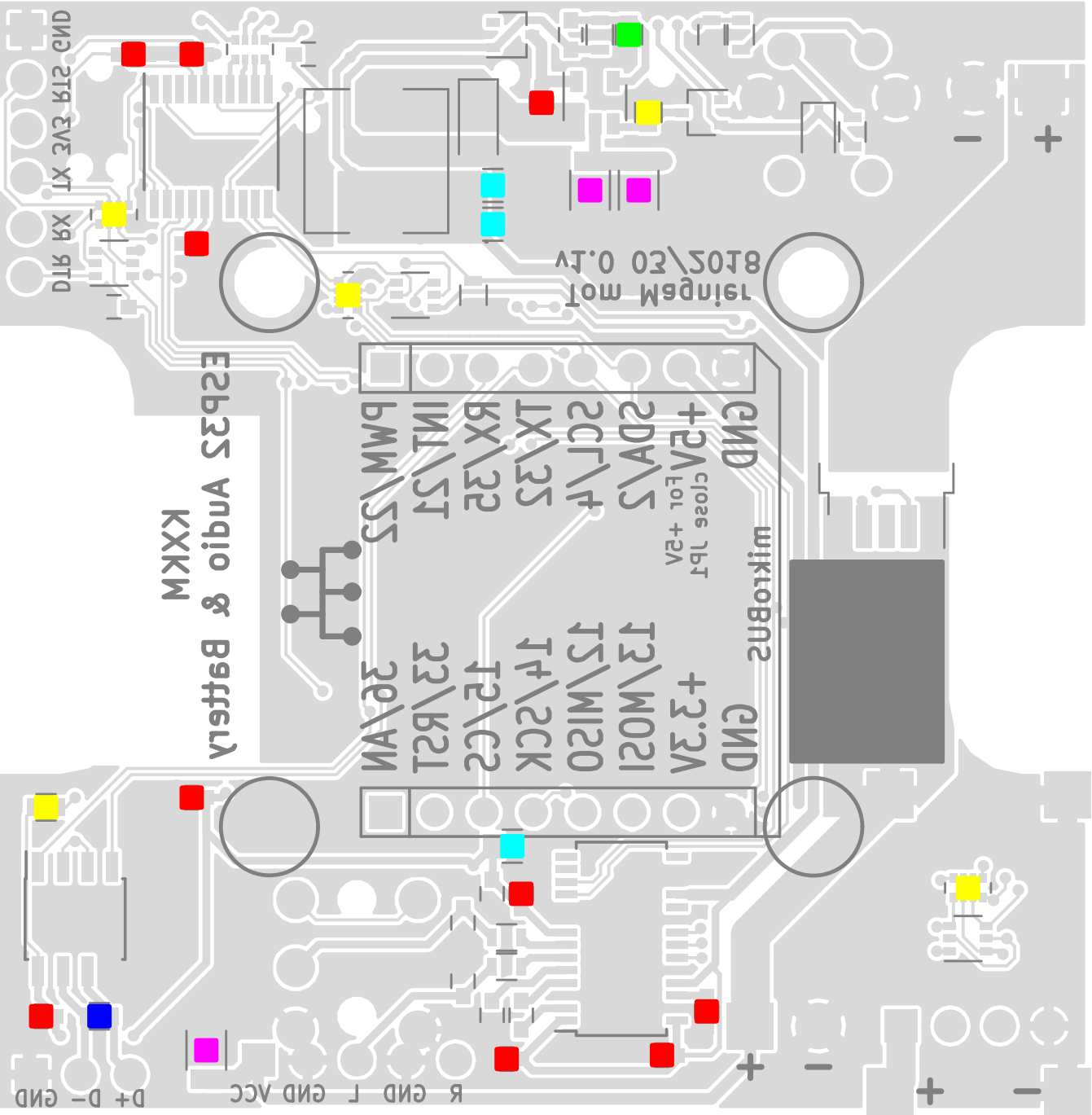
Color	Lib.Reference	Comment	Designators
	100uF,50V	100uF,50V	C6
	Conn_01x04	Conn_01x04	J4
	Green	Green	D5 D6 D7
	Red	Red	D10
	SW_Push	SW_Push	SW1 SW2
	SW_SP3T	SW_SP3T	SW4









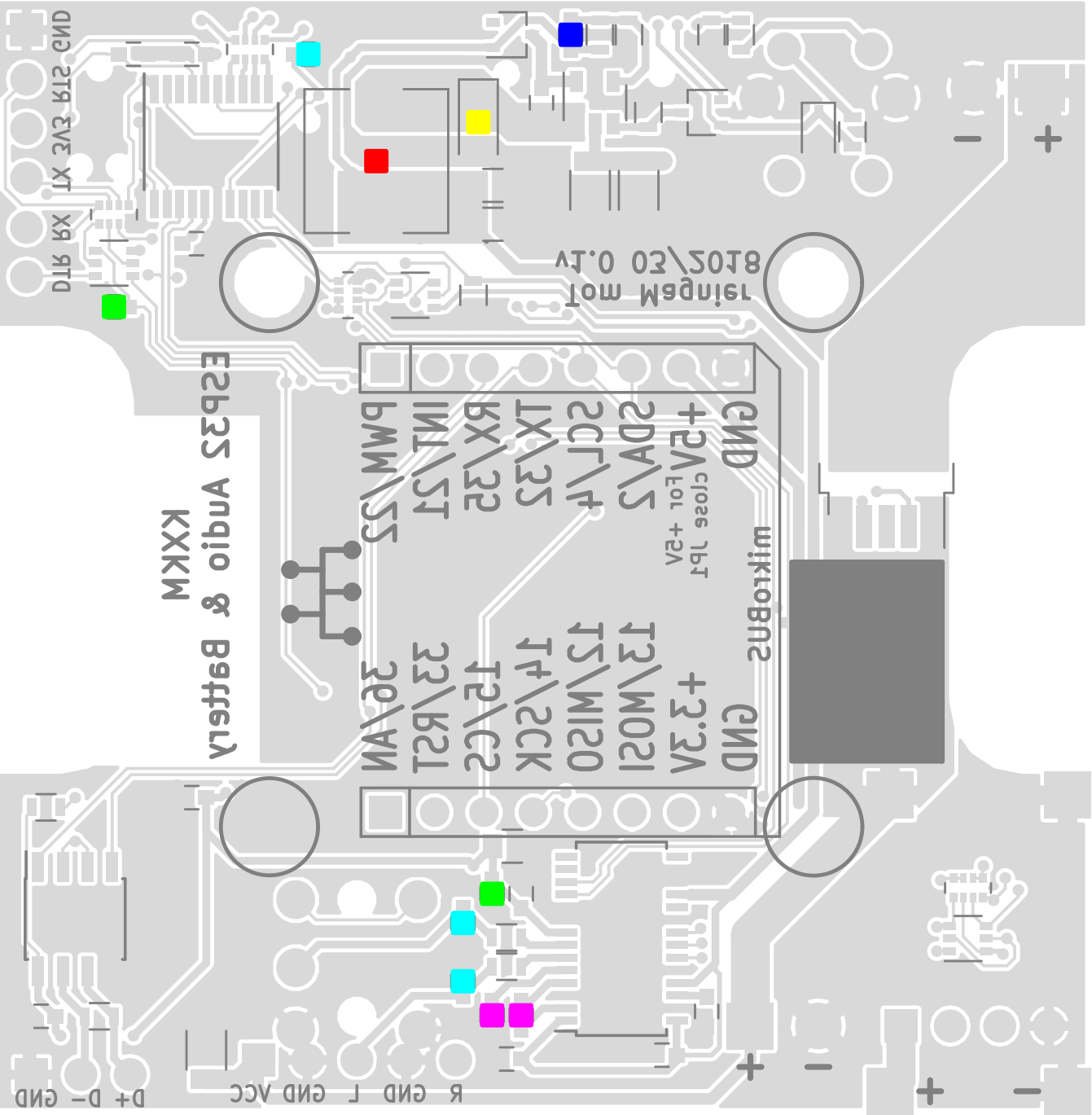
Color	Lib.Reference	Comment	Designators
	Yellow	Yellow	D8 D9















Color	Lib.Reference	Comment	Designators
	0.1uF	0.1uF	C2 C3 C7 C13 C14 C15 C18 C22 C23 C24
	10k	10k	R1 R2 RN1 RN2 RN3
	10k,1%	10k,1%	R10
	10uF,10V	10uF,10V	C9 C10 C11
	10uF,50V	10uF,50V	C4 C5 C25
	120R	120R	R7



Color	Lib.Reference	Comment	Designators
	15uH,1.5A	15uH,1.5A	L1
	1A,60V	1A,60V	D3
	1uF	1uF	C1 C12
	2.2nF	2.2nF	C19 C20 C21
	2.2uF,25V	2.2uF,25V	C16 C17
	20pF	20pF	C8



Color	Lib.Reference	Comment	Designators
	270k,1%	270k,1%	R15
	31.6k,1%	31.6k,1%	R9 R16
	4*1k	4*1k	RN4
	470R	470R	R8 R12 R13 R14
	BAT54CW	BAT54CW	D1 D4
	BTS50080-1TEA	BTS50080-1TEA	U4

Color	Lib.Reference	Comment	Designators
	DMN63D8LDW	DMN63D8LDW	Q1 Q2 Q3
	MCP16331T-E/CH	MCP16331T-E/CH	U3
	PCM5141	PCM5141	U6
	SP3485CN	SP3485CN	U2
	STM32F030F4Px	STM32F030F4Px	U7
	Zener,3V,300mW	Zener,3V,300mW	D2

