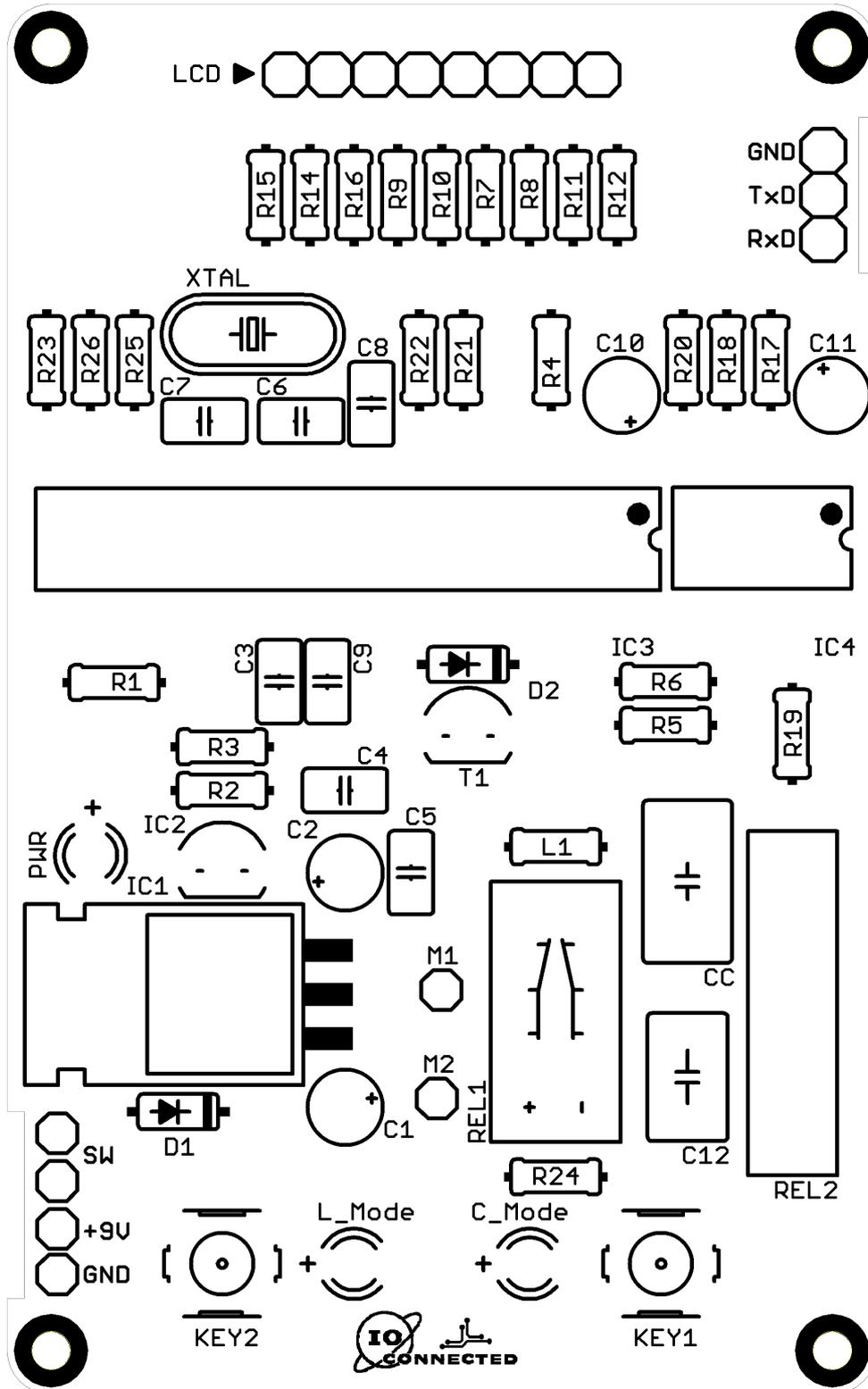


LC Meter - Layout



LC Meter – BOM

Qty	Value	Package	Parts
1	7805	T0220	IC1
1	LM317	T092	IC2
1	ATMEGA328P	DIP28	IC3
1	LM311N	DIP8	IC4
1	8MHz	HC49U-V	XTAL
4	1k	R-US_0204/7	R1, R22, R25, R26
1	330R	R-US_0204/7	R2
1	540R	R-US_0204/7	R3
1	10k	R-US_0204/7	R4
4	1k2	R-US_0204/7	R7, R9, R11, R15
8	2k2	R-US_0204/7	R5, R6, R8, R10, R12, R14, R16, R23
1	6k	R-US_0204/7	R21
1	120R	R-US_0204/7	R24
3	100k	R-US_0204/7	R17, R18, R19
1	47k	R-US_0204/7	R20
4	10uF	CPOL-USE2-4	C1, C2, C10, C11
2	22pF	C-US025-025X050	C6, C7
5	100n	C-US025-025X050	C3, C4, C5, C8, C9
1	1000pF	C-US050-045X075	C12
1	1000pF	C-11.5X4.5	C_CAL
1	82uH	L-US0204/7	L1
1	BAT42	1N4148D035-7	D1
1	1N4148	1N4148D035-7	D2
1	BC547	TRANSISTOR_NPN	T1
1	PWR	LED_3MM	LED1
1	CMODE	LED_3MM	LED2
1	LMODE	LED_3MM	LED3
1	2UM_NA05WK	RELAY_2UMNA05WK	RELAY1
1	Reed SIL 7271-L 5V	REED_RELAY	RELAY2
1	Key1	10-XX	S1
1	Key2	10-XX	S2
1	UART	PINHD-1X03_2.54-S	JP1
1	LCD_N5110_HEADER	PINHD-1X08_2.54-S	LCD Header (Pin 7 Removed) *

* Bridge Pin 7-8 on the LCD's Male Pin Header