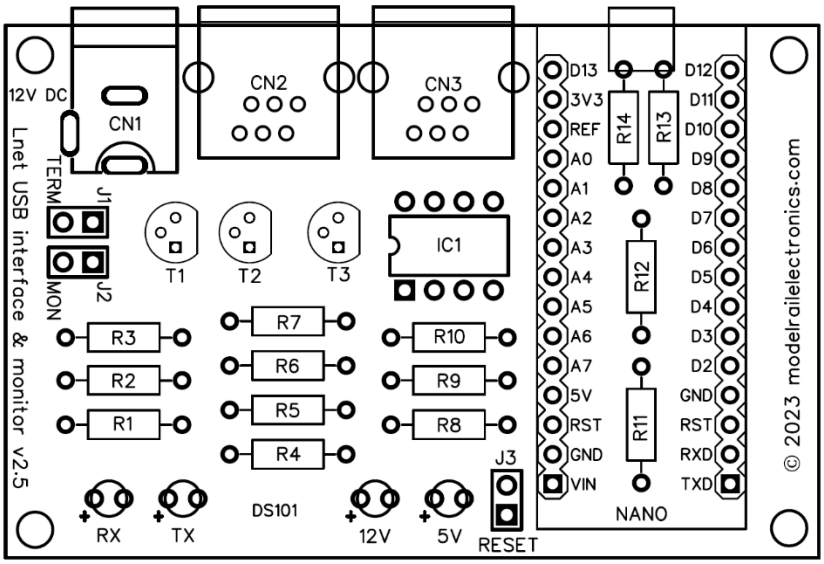
DS101 – Lnet USB interface & monitor v2.5

Mount the components in the below order (sort components in advance):

#	Quantity	Name	Value		
1	1	R1	47k	Yellow-Violet-Black-Red-Brown	
2	1	R2	10k	Brown-Black-Black-Red-Brown	
3	1	R3	47	Yellow-Violet-Black-Gold-Brown	
4	1	R4	2k7	Red-Violet-Black-Brown-Brown	
5	1	R5	150k	Brown-Green-Black-Orange-Brown	
6	1	R6	240k	Red-Yellow-Black-Orange-Brown	
7	1	R7	4k7	Yellow-Violet-Black-Brown-Brown	
8	1	R8	39k	Orange-White-Black-Red-Brown	
9	1	R9	27k	Red-Violet-Black-Red-Brown	
10	1	R10	1k	Brown-Black-Black-Brown-Brown	
11	1	R11	1k8	Brown-Grey-Black-Brown-Brown	
12	2	R12,R13	1k5	Brown-Green-Black-Brown-Brown	
13	1	R14	68k	Blue-Grey-Black-Red-Brown	
14	1	J1 (TERMINATION)	2 pin header male		
15	1	J2 (MONITOR)	2 pin header male		
16		J3 (RESET)	2 pin header male (optional)		
17	2	T1,T2	BC547		
18	1	T3	BC337		
19	1	IC1	IC socket DIP8		
20	2	LED RX, LED TX	LED 3mm, yellow, low current (2.1V, 2mA)		
21	1	LED 12V	LED 3mm, green, low current (2.2V, 4mA)		
22	1	LED 5V	LED 3mm, red, low current (1.75V, 2mA)		
23	2	PIN header	15 pin header female		
24	1	CN1	POWER JACK 5.5/2.1		
25	2	CN2,CN3	RJ12 connector short		
26	1	IC1	LM393N		
27	1	J1	Jumper		



J1 – Termination current
J2 – Monitor function

RESET = Arduino reset

Serial interface settings:
19200, N, 8, 1