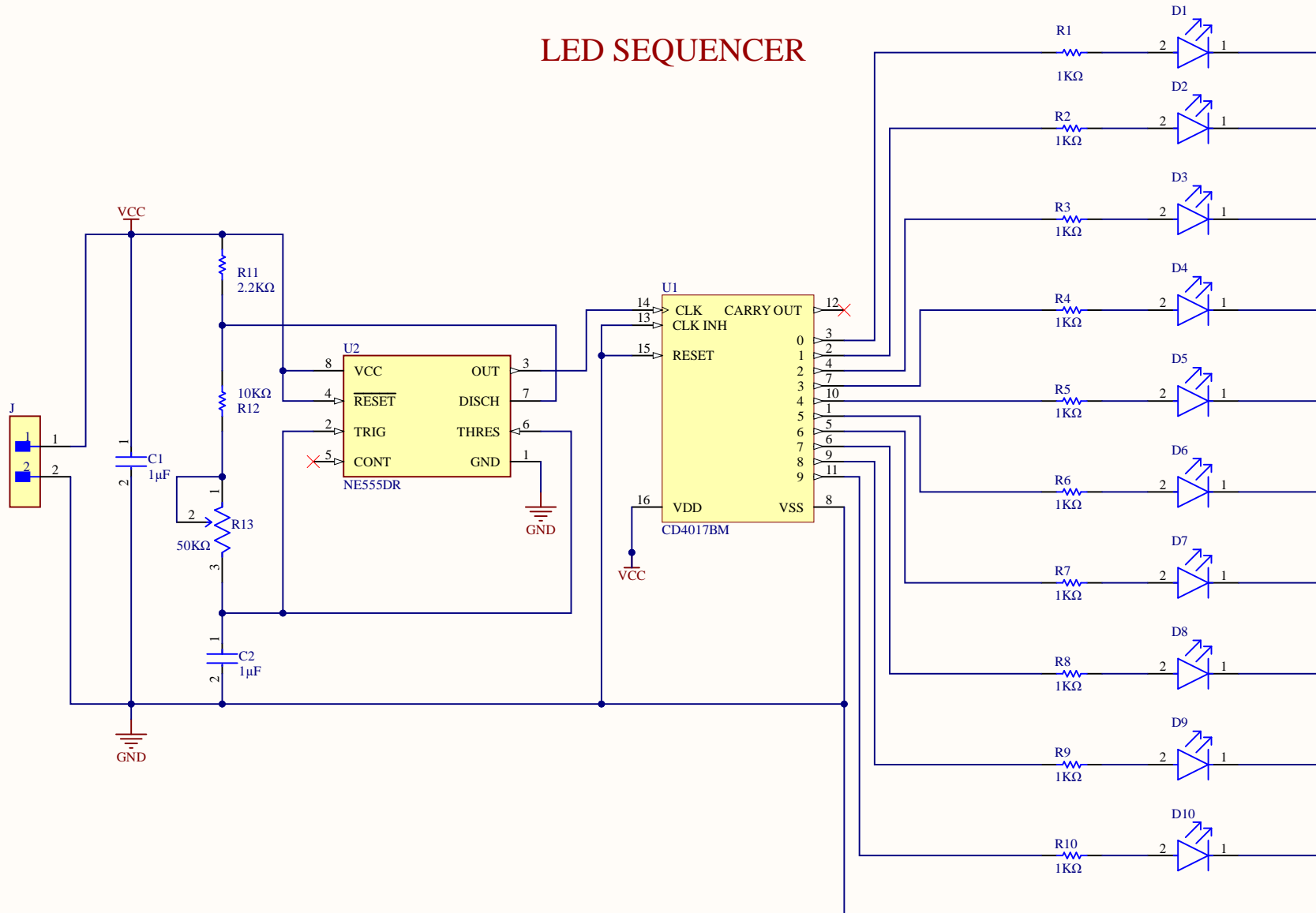
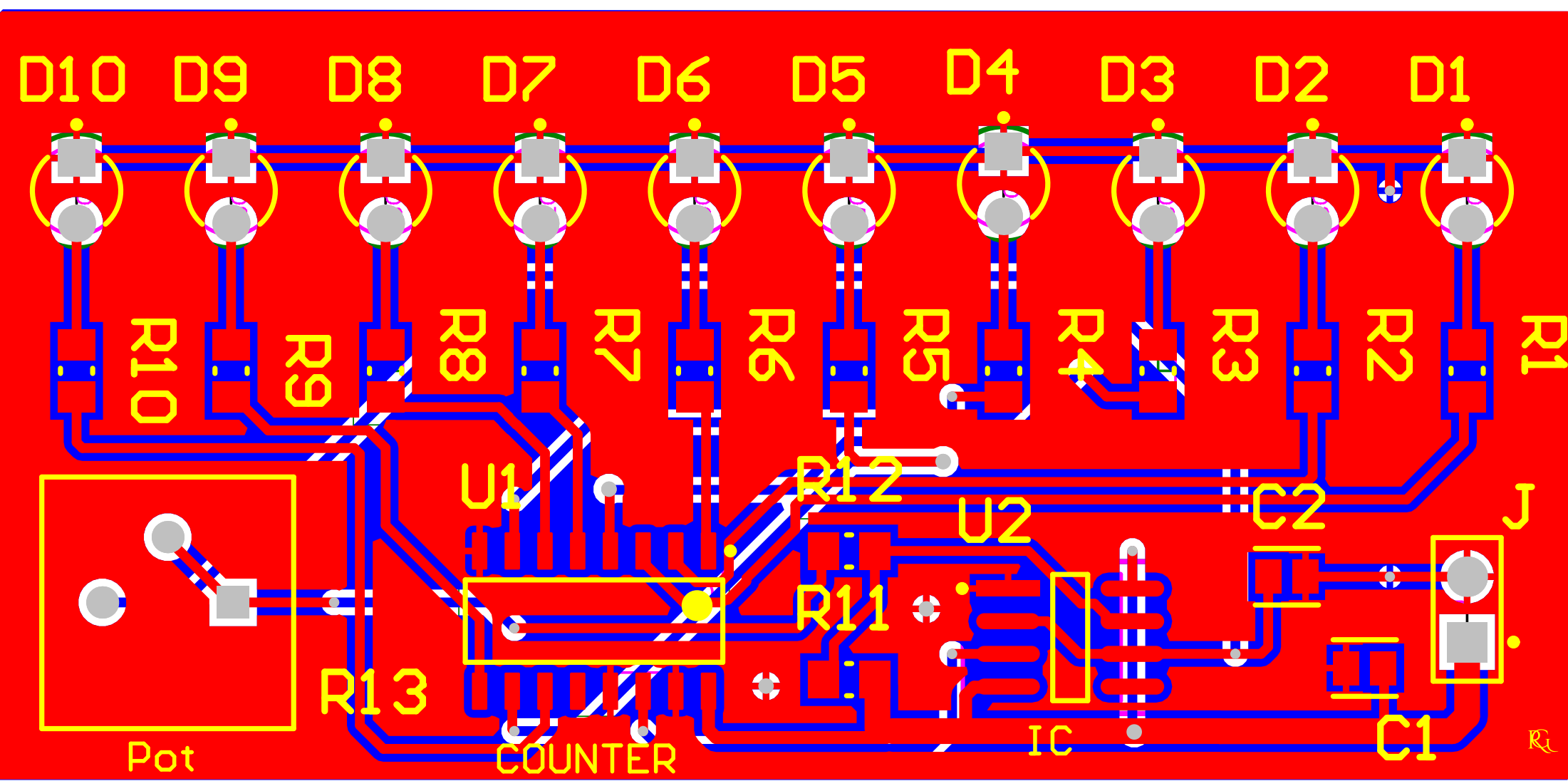


## LED SEQUENCER



Title <b>LED SEQUENCER</b>			
Size A4	Number		Revision <b>V1.0</b>
Date: 7-27-2025	Sheet of		
File: C:\Users\...LEDSequencer.SchDoc	Drawn By:		<b>ROOPA GHATKE</b>



Comment	Description	Designator	Footprint	LibRef	Quantity
1 $\mu$ F	Ceramic Capacitor for Automotive 1uF $\pm$ 10% 50VDC X7R 0805 Embossed T/R	C1, C2	FP-GCM21B-0_15-IPC_C	CMP-2007-03354-2	2
HLMP-1301	LED RED DIFFUSED T-1 T/H	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10	FP-HLMP-1301-MFG	CMP-18399-000007-1	10
M20-9990245	CONN HEADER VERT 2POS 2.54MM	J	FP-M20-9990245-MFG	CMP-15831-000105-1	1
1K $\Omega$	Chip Resistor, 1 KOhm, +/- 1%, 125 mW, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	RESC2013X60X35ML1 OT20	CMP-2100-03671-1	10
2.2K $\Omega$	Chip Resistor, 1 KOhm, +/- 1%, 125 mW, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R11	RESC2013X60X35ML1 OT20	CMP-2100-03671-1	1
10K $\Omega$	Chip Resistor, 1 KOhm, +/- 1%, 125 mW, -55 to 155 degC, 0805 (2012 Metric), RoHS, Tape and Reel	R12	RESC2013X60X35ML1 OT20	CMP-2100-03671-1	1
50K $\Omega$	TRIMMER 100K OHM 0.5W PC PIN TOP	R13	FP-3386P-MFG	CMP-2000-05592-8	1
CD4017BM	CMOS Decade Counter with 10 Decoded Outputs, D0016A, TUBE	U1	D0016A_N	CMP-1623-00071-2	1
NE555DR	IC OSC SGL TIMER 100KHZ 8-SOIC	U2	FP-D0008A-IPC_A	CMP-1685-00007-2	1