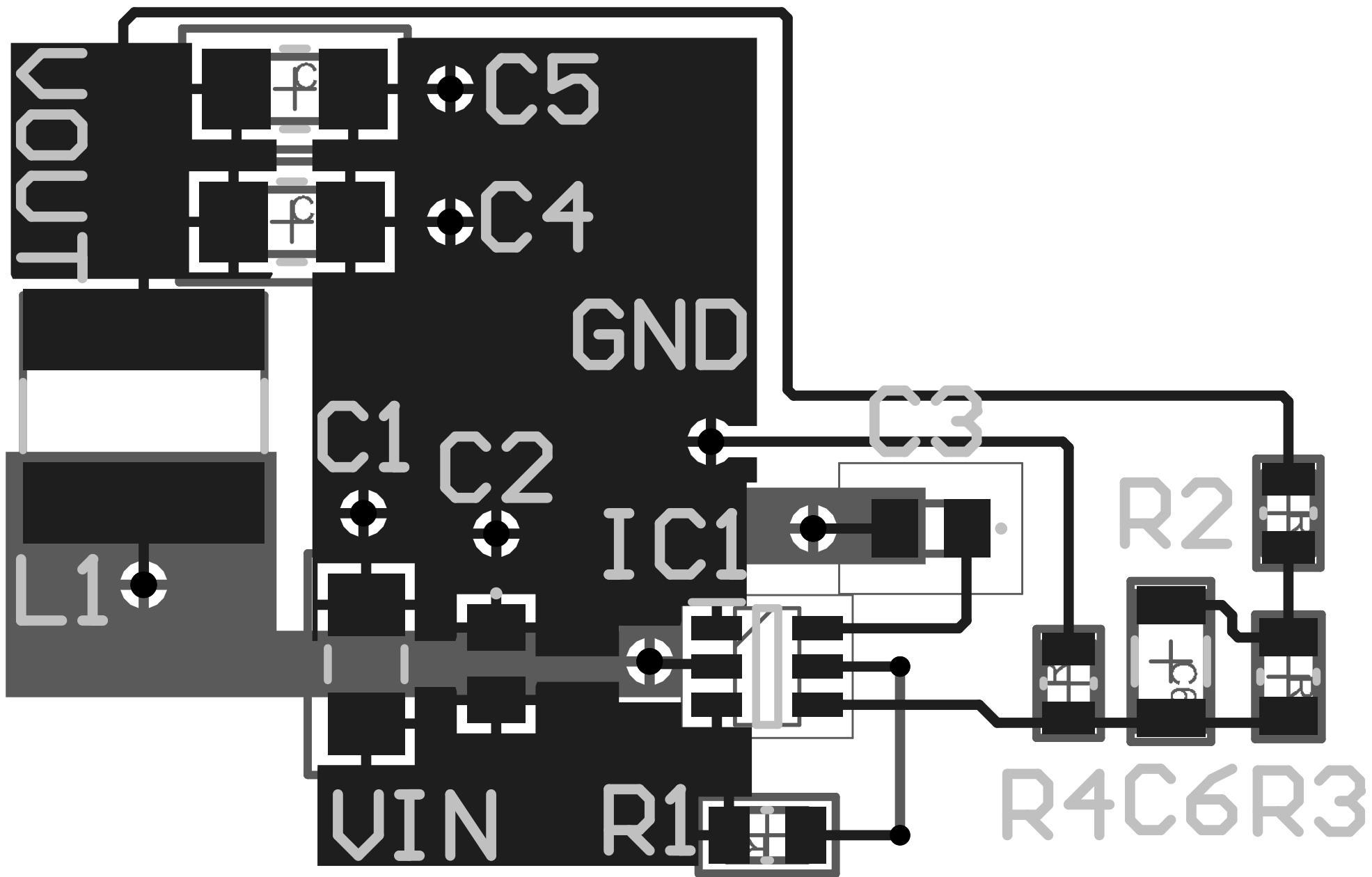


Title		
12V to 3.3V Buck Converter		
Size	Number	Revision
A	1	1
Date:	8/12/2024	Sheet of
File:	C:\Users\...\Power_Supply.SchDoc	Drawn By: Vimal Selvarajan



Comment	Description	Designator	Footprint	LibRef	Quantity
10uF	Multi-Layer Ceramic Capacitor 10uF 50V X5R±10% 1206 Emboss T/R	C1	FP-GRT31C-0_2-IPC_A	CMP-06035-000076-2	1
0.1uF	Capacitor	C2, C3	C0805	C0805C104K6RACTU	2
22uF	None	C4, C5	FP-1206-L_3_2_0_3-W_1_6_0-IPC_A	CMP-14477-000099-2	2
75pF	CAP CER 75PF 50V NP0 1206	C6	FP-C1206C-EB-MFG	CMP-1037-01478-2	1
TPS54202HDDCR	Integrated Circuit	IC1	SOT95P280X110-6N	TPS54202HDDCR	1
10uH	Inductor	L1	SRN6045_1	SRN6045-100M	1
510kΩ	RES Thick Film, 510kΩ, 1%, 0.125W, 100ppm/°C, 0805	R1	FP-CRCW0805-e3-IPC_B	CMP-2001-03987-2	1
49.9kΩ	RES Thick Film, 49.9kΩ, 1%, 0.125W, 100ppm/°C, 0805	R2	FP-CRCW0805-e3-IPC_C	CMP-2001-03952-2	1
100kΩ	RES Thick Film, 100kΩ, 1%, 0.125W, 100ppm/°C, 0805	R3	FP-CRCW0805-e3-MFG	CMP-2001-04899-2	1
22.1kΩ	RES Thick Film, 22.1kΩ, 1%, 0.125W, 100ppm/°C, 0805	R4	FP-CRCW0805-e3-IPC_C	CMP-2001-03689-2	1