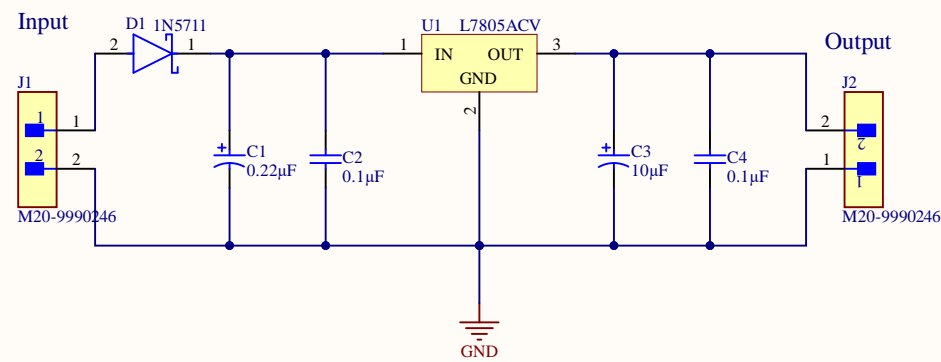
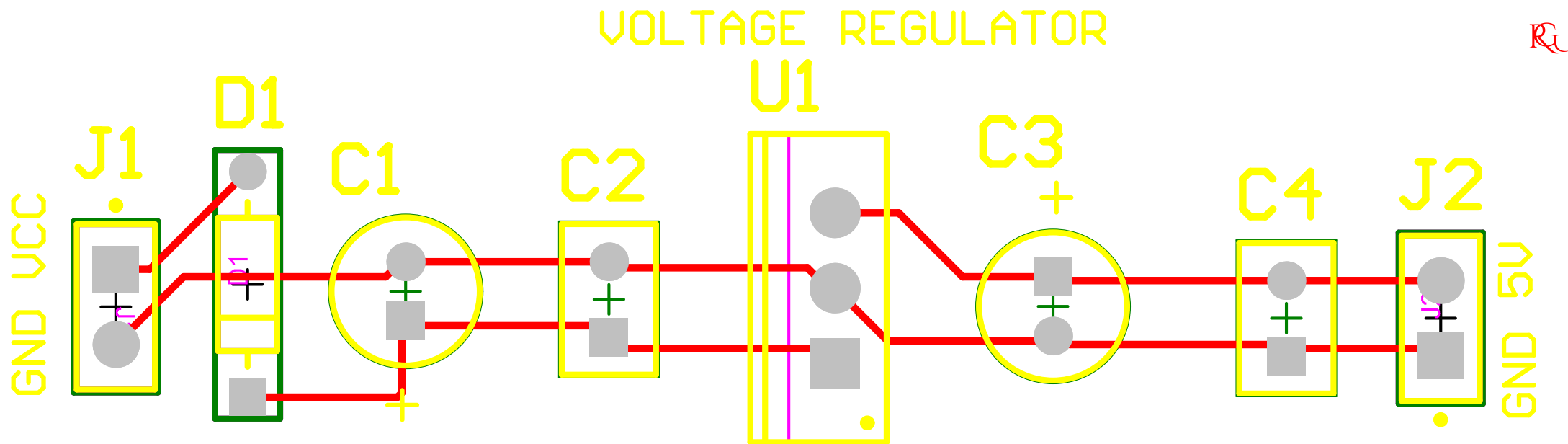


VOLTAGE REGULATOR



Title			VOLTAGE REGULATOR
Size	Number		Revision
A4			v1.0
Date:	7-27-2025	Sheet of	
File:	C:\Users\...\VoltageRegulator1.SchDoc	Drawn By:	ROOPA GHATKE



Comment	Description	Designator	Footprint	LibRef	Quantity
0.22μF	Aluminum Electrolytic Capacitor, 2.2 uF, +/- 20%, 50 V, -40 to 85 degC, 2-Pin THD, RoHS, Bulk	C1	CAPPR55-200-1100X500X1200	CMP-1665-00040-2	1
0.1μF	Radial Leaded Multilayer Ceramic Capacitor, 0.1 uF, +/- 10%, 50 V, -55 to 125 degC, 2-Pin THD, RoHS, Tape and Reel	C2, C4	CAPR51-254-508X318X736	CMP-1664-00004-1	2
10μF	Aluminum Electrolytic Capacitor, 22 uF, +/- 20%, 50 V, -40 to 85 degC, 2-Pin THD, RoHS, Bulk	C3	CAPPR55-200-1100X500X1200	CMP-1665-00036-2	1
1N5711	RF DIODE SCHOTTKY 70V 430MW DO35	D1	FP-DO-35-MFG	CMP-2000-05519-2	1
M20-9990246	CONN HEADER VERT 2POS 2.54MM	J1, J2	FP-M20-9990246-MFG	CMP-15831-000009-1	2
L7805ACV	Positive Voltage Regulator, 5V, 3-Pin TO-220	U1	TO220	CMP-0244-00484-1	1