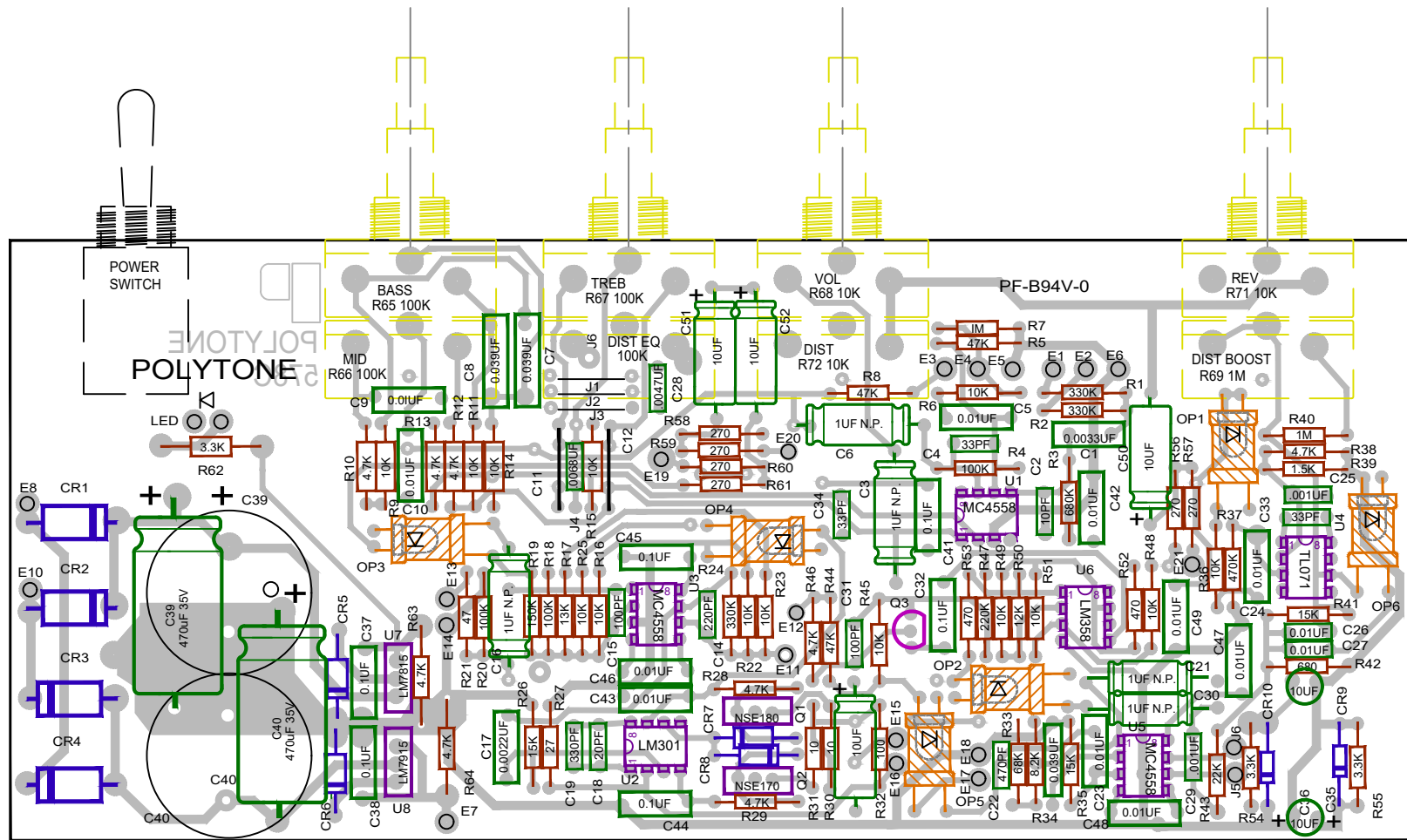
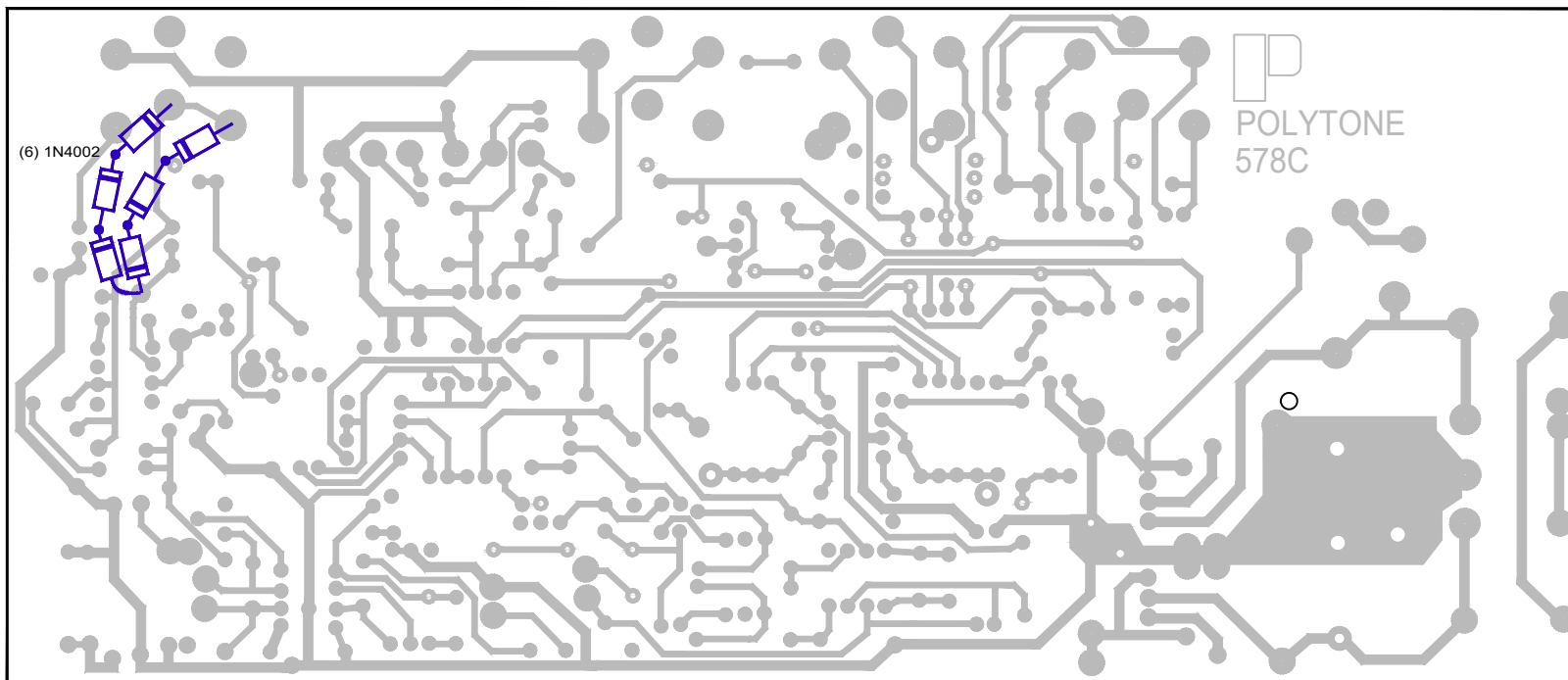




POLYTONE MINI BRUTE II COMPONENT LAYOUT

Drawn & Verified by Paul Marossy 8/1/2025

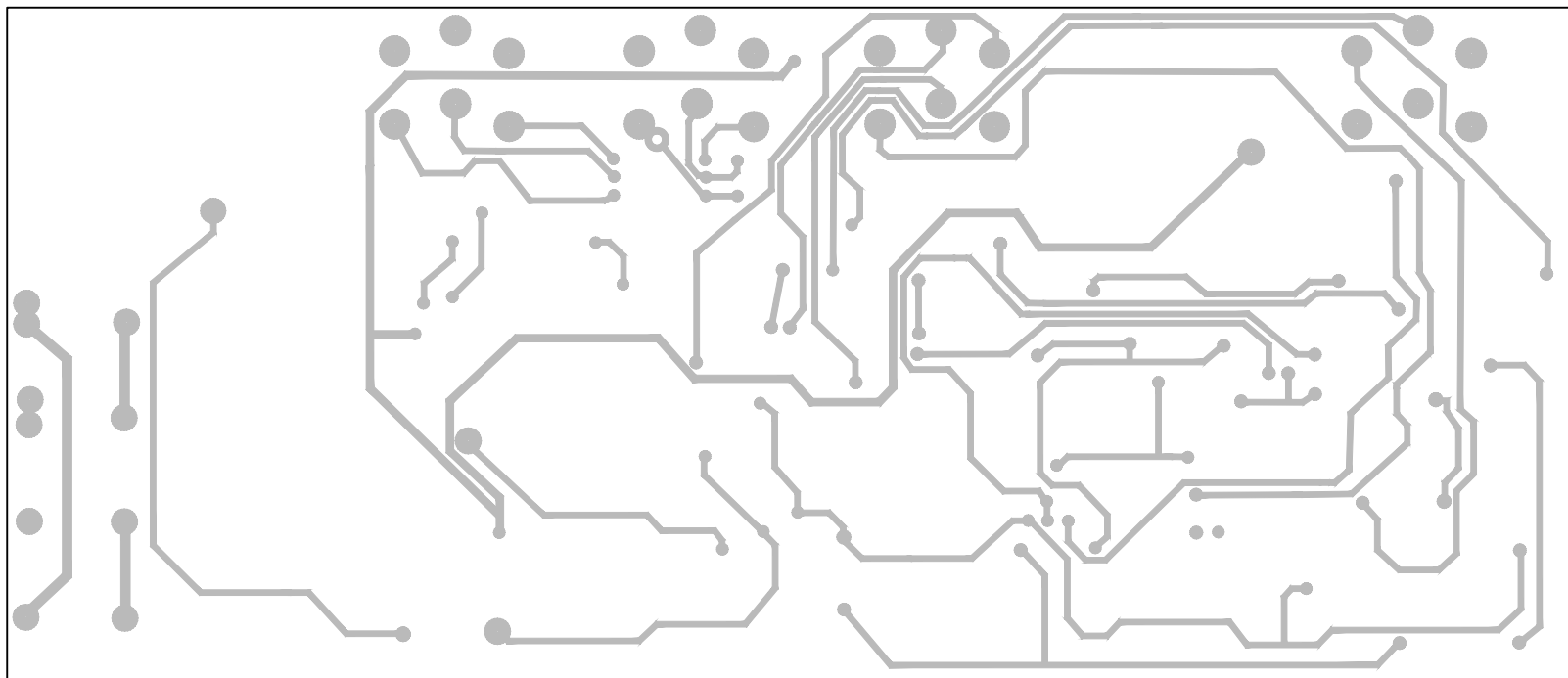
THIS DRAWING IS APPROX. LIFE SIZE AT 8.5"x11" SHEET SIZE



POLYTONE MINI BRUTE II - PCB FOIL SIDE

Drawn & Verified by Paul Marossy 8/1/2025

THIS DRAWING IS APPROX. LIFE SIZE AT 8.5"x11" SHEET SIZE



POLYTONE MINI BRUTE II - PCB COMPONENT SIDE

Drawn & Verified by Paul Marossy 8/1/2025

THIS DRAWING IS APPROX. LIFE SIZE AT 8.5"x11" SHEET SIZE

POLYTONE MINI-BRUTE II PART LISTS (PCB "578C")

R1	330K	R41	15K	C7	0.039uF	C47	0.1uF
R2	330K	R42	680	C8	0.039uF	C48	0.1uF
R3	680K	R43	22K	C9	0.01uF	C49	0.1uF
R4	100K	R44	47K	C10	0.01uF	C50	10uF 35V
R5	47K	R45	10K	C11	JUMPERED	C51	10uF 35V
R6	10K	R46	4.7K	C12	JUMPERED	C52	10uF 35V
R7	1M	R47	220K	C13	0.0047uF		
R8	47K	R48	10K	C14	220pF	CR1	"3E1"
R9	10K	R49	10K	C15	100pF	CR2	"3E1"
R10	4.7K	R50	12K	C16	1uF N.P.	CR3	"3E1"
R11	10K	R51	10K	C17	0.022uF	CR4	"3E1"
R12	4.7K	R52	470	C18	20pF	CR5	1N4002
R13	4.7K	R53	470	C19	330pF	CR6	1N4002
R14	10K	R54	3.K	C20	10uF 35V	CR7	1N4002
R15	10K	R55	3.3K	C21	1uF N.P.	CR8	1N4002
R16	10K	R56	270	C22	470pF	CR9	1N5232
R17	13K	R57	270	C23	0.01uF	CR10	1N5232
R18	100K	R58	270	C24	0.01uF		
R19	150K	R59	270	C25	0.001uF		
R20	100K	R60	270	C26	0.01uF	Q1	NSE180
R21	47	R61	270	C27	0.01uF	Q2	NSE170
R22	10K	R62	3.3K	C28	0.0047uF	Q3	2N2222
R23	10K	R63	4.7K	C29	0.001uF		
R24	330K	R64	4.7K	C30	1uF N.P.		
R25	10K			C31	100pF	U1	MC4558
R26	15K	R65	100K BASS	C32	0.1uF	U2	LM301
R27	27	R66	100K MID	C33	33pF	U3	MC4558
R28	4.7K	R67	100K TREB	C34	33pF	U4	TL071
R29	4.7K	R68	10K VOL	C35	10uF 35V	U5	MC4558
R30	10	R69	1M DIST BOOST	C36	10uF 35V	U6	LM358
R31	10	R70	100K DIST EQ	C37	0.1uF	U7	LM7815
R32	100	R71	10K REVERB	C38	0.1uF	U8	LM7915
R33	68K			C39	470uF35V		
R34	8.2K			C40	470uF35V		
R35	15K	C1	0.0047uF	C41	0.1uF	OP1	?
R36	10K	C2	10pF	C42	0.1uF	OP2	?
R37	82K	C3	1uF	C43	0.1uF	OP3	?
R38	4.7K	C4	33pF	C44	0.1uF	OP4	?
R39	1.5K	C5	0.01uF	C45	0.1uF	OP5	?
R40	1M	C6	1uF N.P.	C46	0.1uF	OP6	?