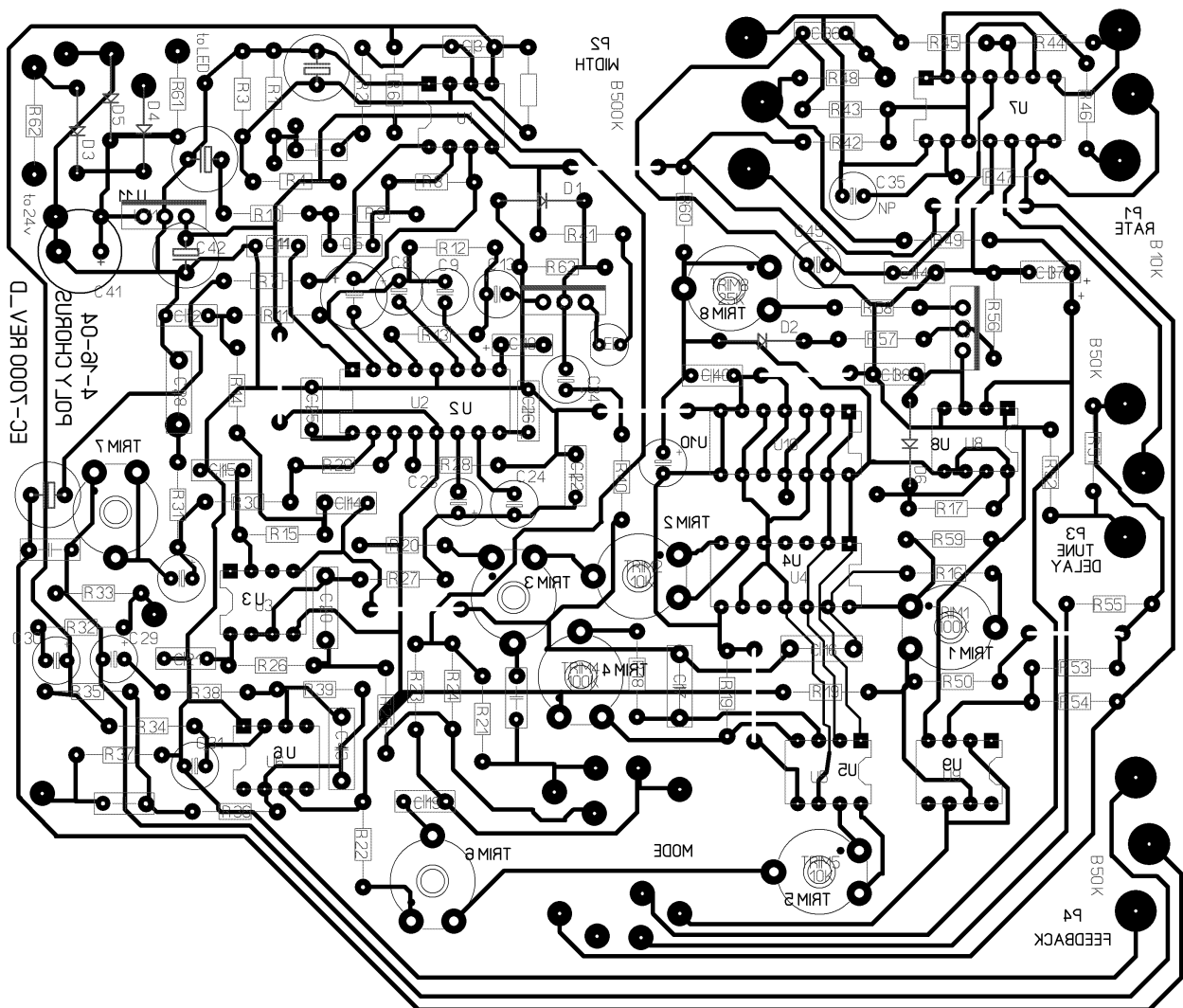


ELECTRO-HARMONIX POLYCHORUS CLONE

mn 3008/mn3009

STATUS FOR 1ST NOVEMBER: UNVERIFIED.

DRAWN BY SONICDEAD.



Resistors

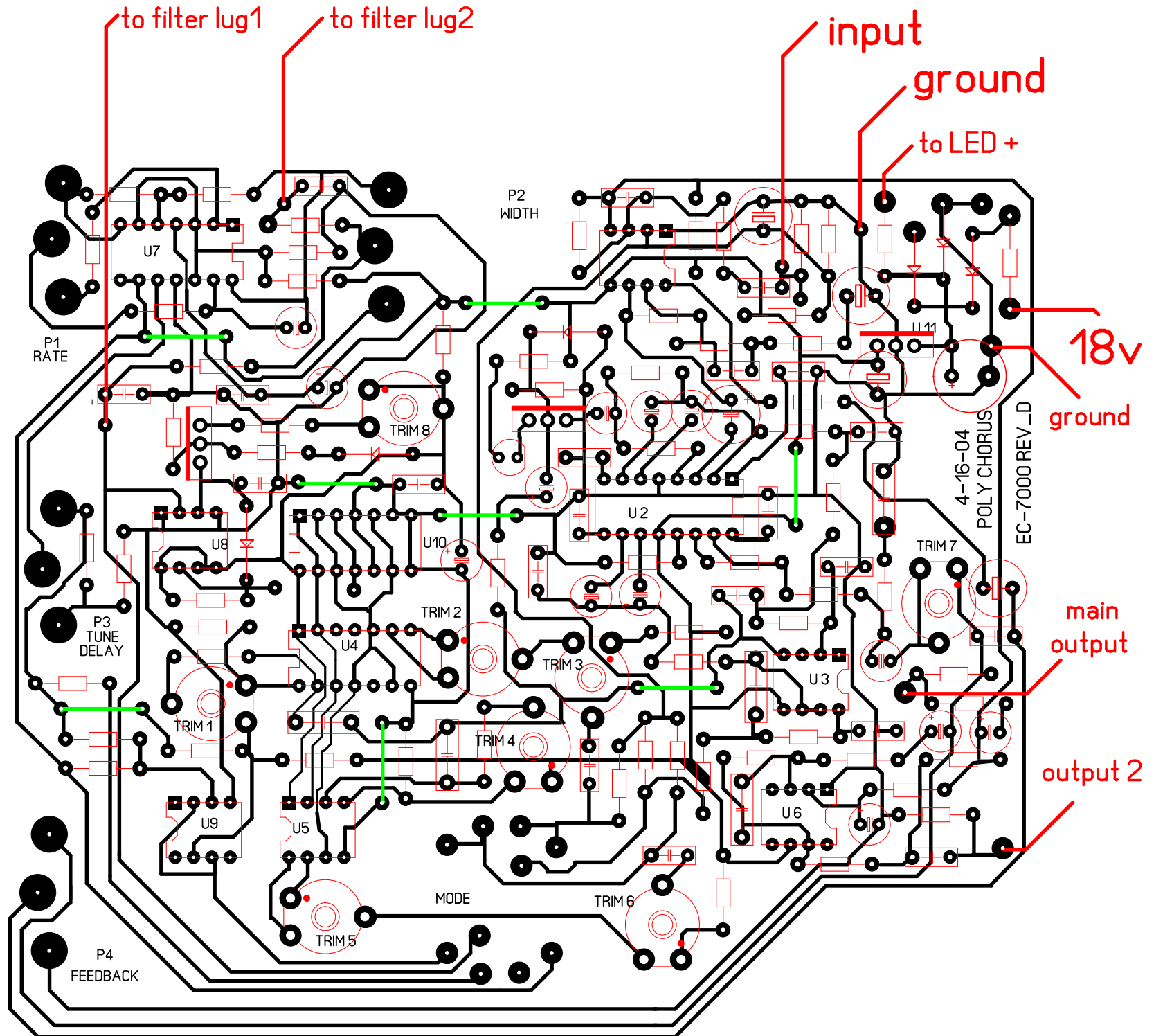
R1	2.2 Мом	R34	100к
R2	390к	R35	10к
R3	15к	R36	10к
R4	15к	R37	2.2 Мом
R5	680к	R38	100к
R6	100к	R39	100к
R7	100к	R40	10к
R8	30к	R41	820 Ом
R9	20к	R42	20к
R10	10к	R43	18к
R11	1к	R44	30к
R12	47к	R45	27к
R13	47к	R46	10 Ом
R14	18к	R47	3.9к
R15	18к	R48	2.2 Мом
R16	100к	R49	100к
R17	10к	R50	1.8к
R18	100к	R51	13к
R19	8.2к	R52	1.1к
R20	200к	R53	75к
R21	2.2 Мом	R54	6.8к
R22	62к	R55	1.5 Мом
R23	2.2 Мом	R56	1.2 Мом
R24	2.2 Мом	R57	62к
R25	180к	R58	24к
R26	220к	R59	8.2к
R27	360 Ом	R60	10 Ом
R28	12к	R61	3.9к
R29	9.1к	R62	150 Ом
R30	510 Ом	R63	12к
R31	510 Ом		
R32	10к		
R33	10к		

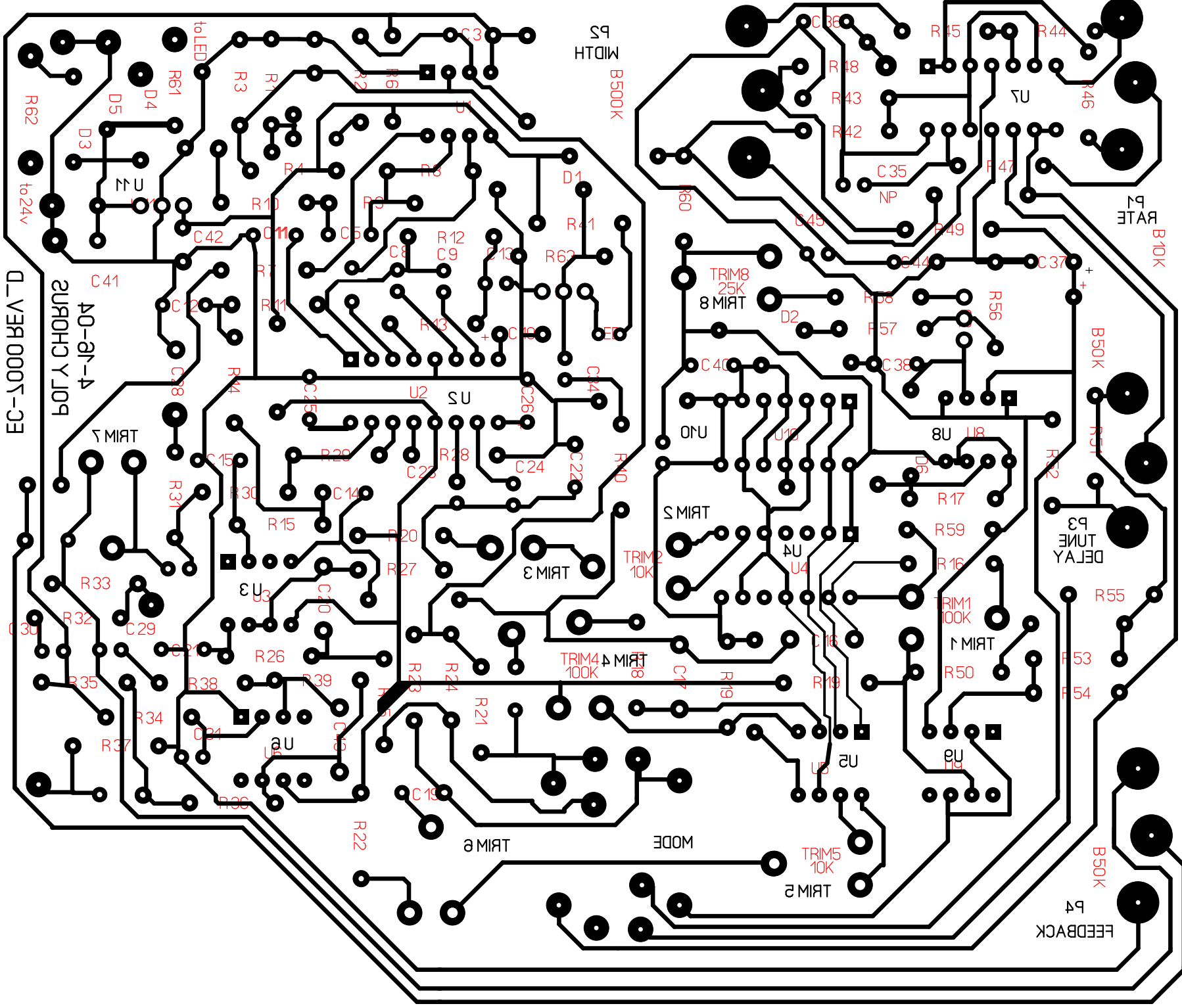
Capacitors

C1	33n	film	C24	2.2u	electrolyth
C2	10 uf	electrolyth	C25	200p	ceramic
C3	27p	ceramic	C26	1uf	tantal
C4	1uf	electrolyth	C27	2.2u	electrolyth
C5	15n	film	C28	0.22	film
C6	4.7 uf	electrolyth	C29	1uf	electrolyth
C7	1uf	electrolyth	C30	2.2u	electrolyth
C8	4.7 uf	electrolyth	C31	1uf	electrolyth
C9	2.2u	electrolyth	C32	0.22	film
C10	1uf	tantal	C33	3.3n	film
C11	200p	ceramic	C34	1uf	electrolyth
C12	39n	film	C35	4.7 uf	electrolyth NP
C13	22uf	electrolyth	C36	2.2u	tantal
C14	4.7n	film	C37	0.47	tantal
C15	1.2n	film	C38	68p	ceramic
C16	0.22	film	C39	22uf	electrolyth
C17	0.22	film	C40	0.1 uf	ceramic
C18	10n	film	C41	470 uf	electrolyth 35v
C19	10n	film	C42	4.7 uf	electrolyth
C20	330p	ceramic	C43	10p	ceramic
C21	100p	ceramic	C44	0.1 uf	ceramic
C22	68n	film	C45	10uf	electrolyth
C23	1uf	electrolyth			

Others

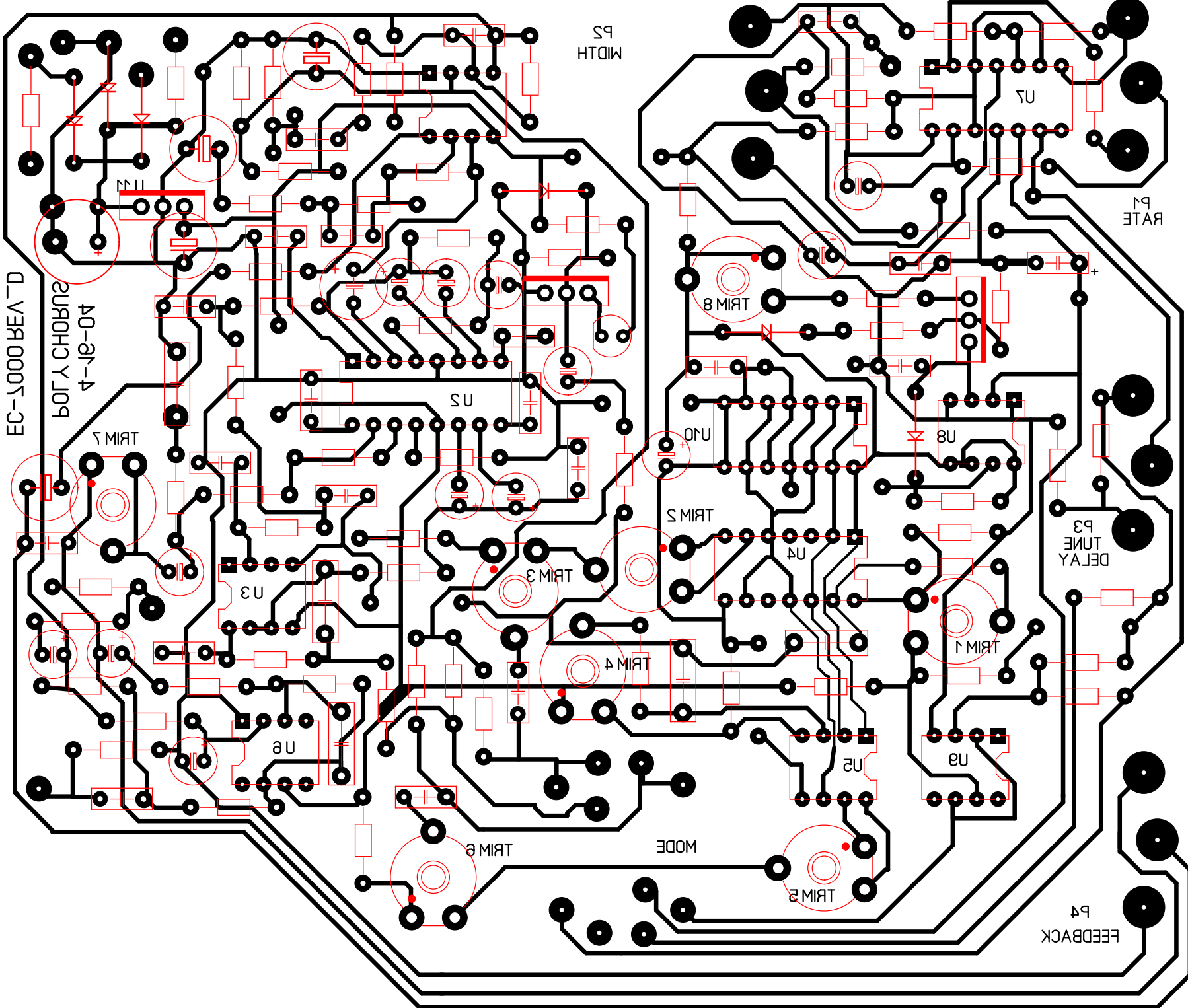
U1	TL072CN		TR1	100k
U2	NE570	SA571N	TR2	10k
U3	TL072CN		TR3	200k
U4	MN3008		TR4	100k
U5	MN3009		TR5	10k
U6	NE5534		TR6	50k
U7	LM324		TR7	5k
U8	LM341N		TR8	25k
U9		741 HA17741		
U10	CD4013BE		Width	B500k
U11	78L15AC		Rate	B10k
			Tune	B50k
Q1	2n5088		Feedback	B50k
Q2	2n5087			
			Switch	4P2T
D1	1n4001			
D2	1n4001		SWEEP	DPDT
D3	1n4003		POWER	DPDT
D4	1n4003			
D5	1n4747a		LED	2x 5mm red
D6	1n4148			

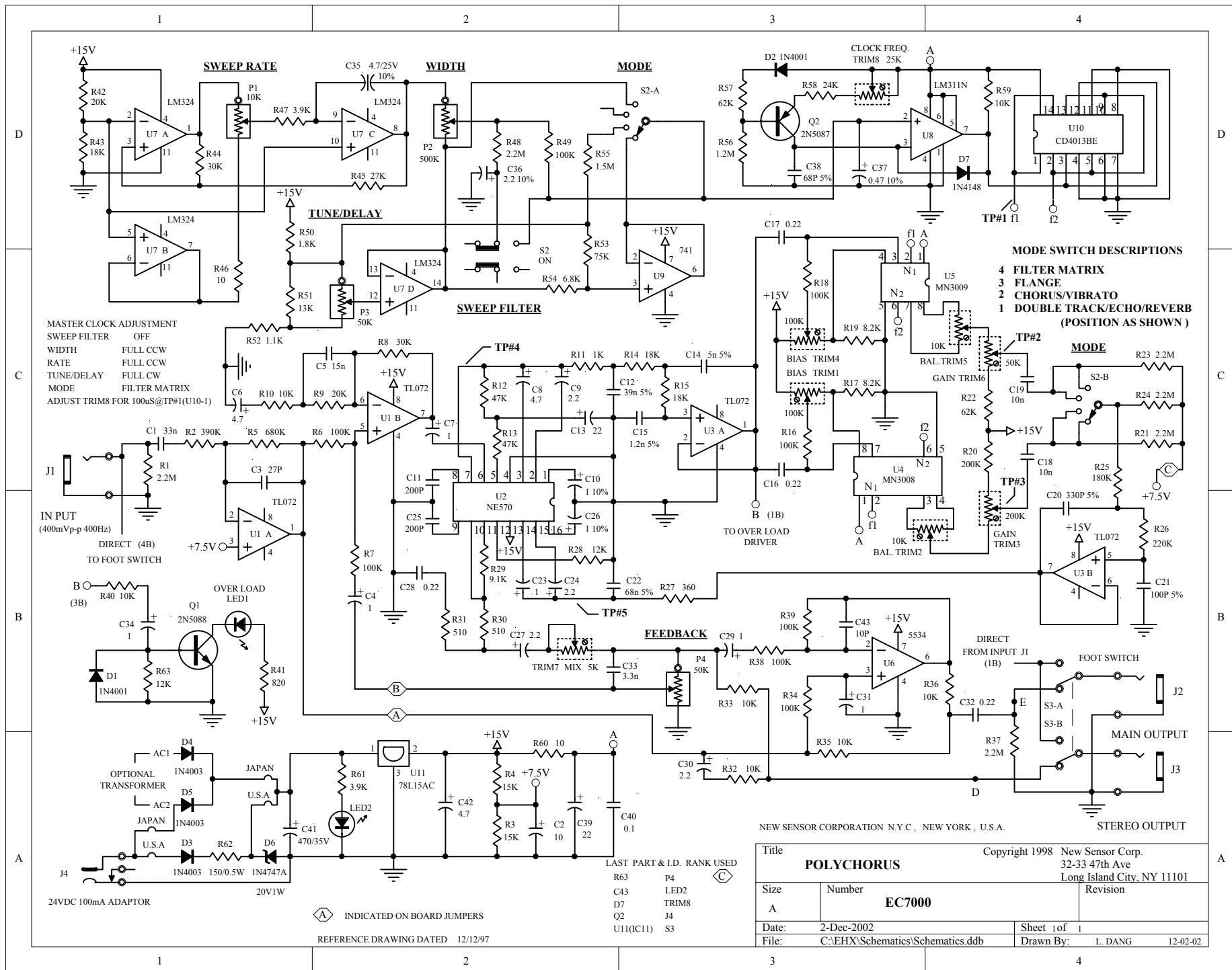


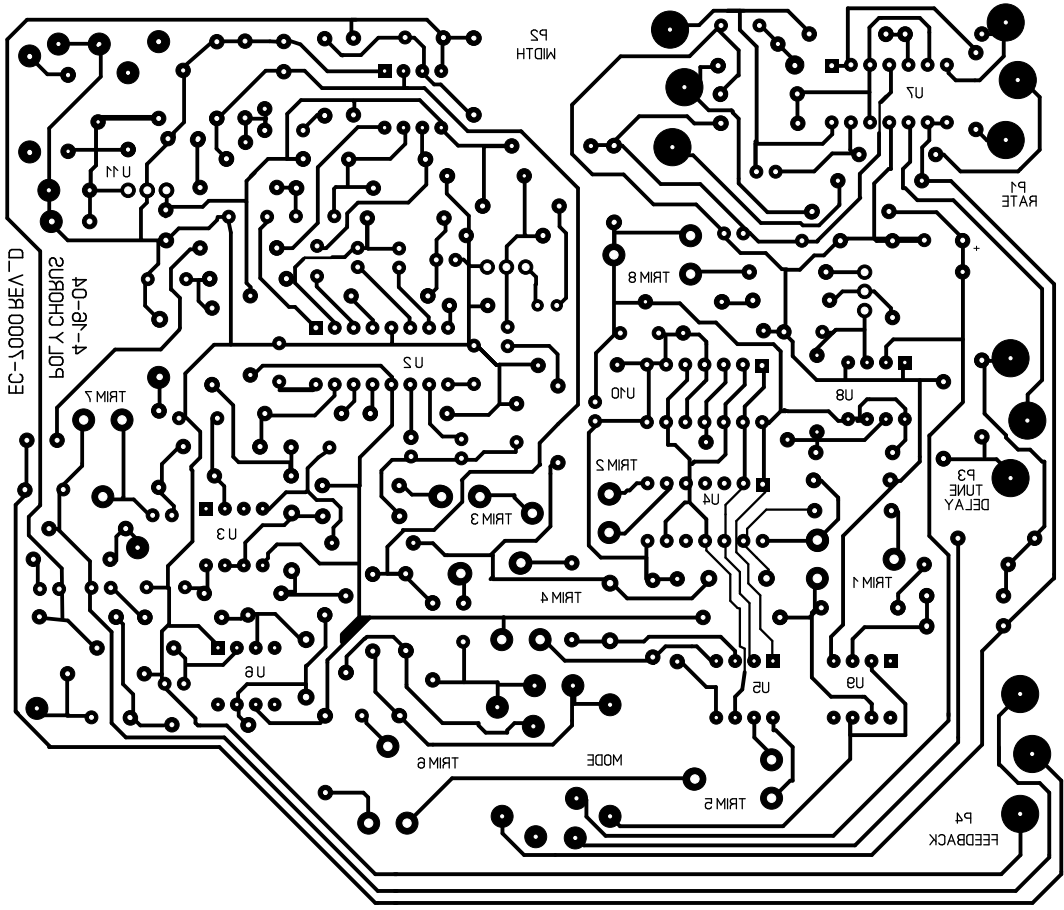
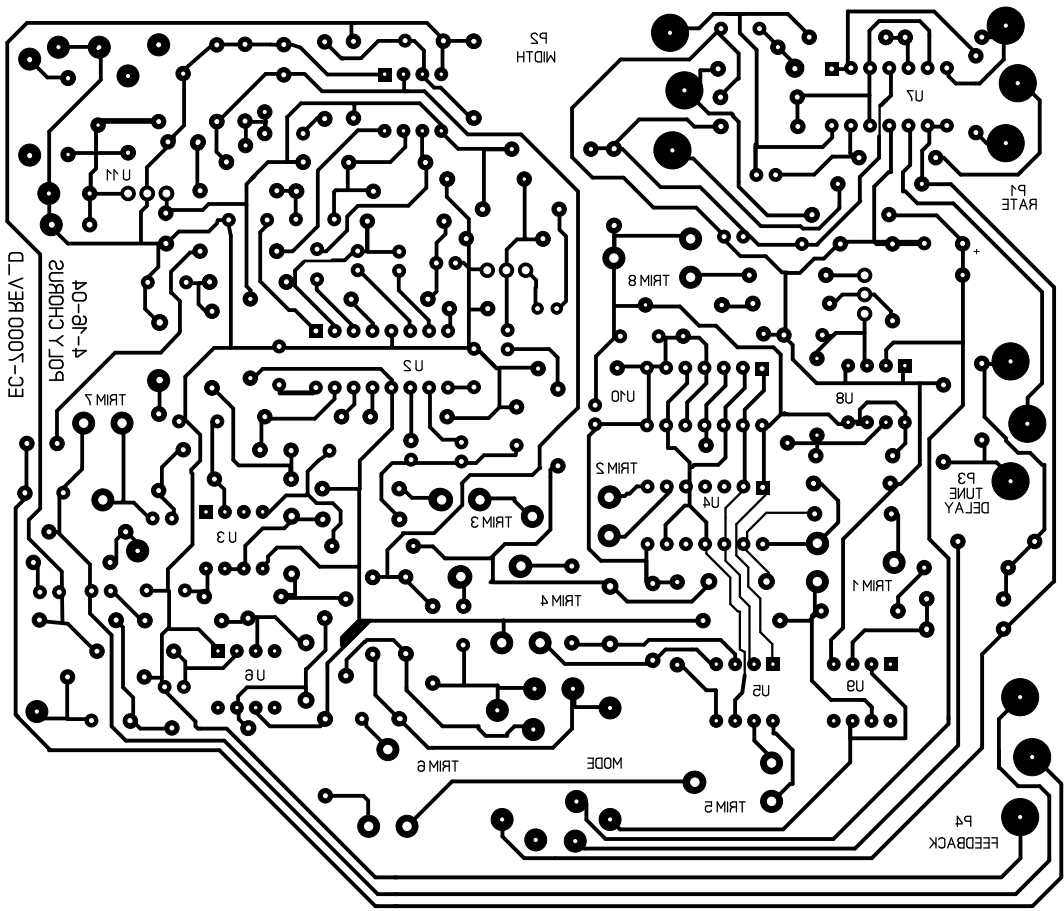


EC-5000 REV-D

40-2T-4
LOG Y CHORUS







notifications

- This layout is UNVERIFIED. I based on photos of original PCB.
- Pay attention, not all components were signed on layout – I can't find numbers on the photo. But you can check the schematic.
- You can use 18v DC adapter, or you can try to make Road Rage from madbean:
<http://madbeanpedals.com/projects/RoadRage/docs/RoadRage.pdf>
- Here is based topic about this project. Feel free to ask: http://guitar-gear.ru/forum/topic/3607-electro-harmonix-polychorus/page__p__106162__hl__polychorus__fromsearch__1#entry106162

Best regards,
Sonicdead