

## 4Pole Mission

Index	Description	Value	Qty	Reichelt	Digikey	Farnell	Mouser
R5	Resistor 1%	68	1	METALL 68,0	68.1XBK-ND	9342192	660-MF1/4DCT52R68R0F
R15, R16, R34, R35	Resistor 1%	470	4	METALL 470	475XBK-ND	9341943	660-MF1/4DCT52R4700F
R12, R29, R31	Resistor 1%	1k	3	METALL 1,00K	1.00KXBK-ND	9341102	660-MF1/4DCT52R1001F
R7, R22	Resistor 1%	2.2k	2	METALL 2,20K	2.21KXBK-ND	9341536	660-MF1/4DCT52R2201F
R11, R21, R26, R30	Resistor 1%	10k	4	METALL 10,0K	10.0KXBK-ND	9341110	660-MF1/4DCT52R1002F
R57	Resistor 1%	16.5k	1	METALL 16,5K	16.5KXBK-ND	1563107	660-MF1/4DCT52R1652F
R8, R23	Resistor 1%	18k	2	METALL 18,0K	18.2KXBK-ND	9341447	660-MF1/4DCT52R1802F
R10, R24, R25	Resistor 1%	22k	3	METALL 22,0K	22.1KXBK-ND	9341544	660-MF1/4DCT52R2202F
R58	Resistor 1%	24.9k	1	METALL 24,9K	24.9KXBK-ND	1563150	660-MF1/4DCT52R2492F
R6, R13, R14, R17, R18	Resistor 1%	33k	10	METALL 33,0K	33.2KXBK-ND	9341757	660-MF1/4DCT52R3302F
R46, R47, R56	Resistor 1%	33.2k	3	METALL 33,2K	33.2KXBK-ND	1563186	660-MF1/4DCT52R3322F
R27	Resistor 1%	47k	1	METALL 47,0K	47.5KXBK-ND	9341960	660-MF1/4DCT52R4702F
R43, R50, R53, R54	Resistor 1%	49.9k	4	METALL 49,9K	49.9KXBK-ND	9468595	660-MF1/4DCT52R4992F
R38	Resistor 1%	68k	1	METALL 68,0K	68.1KXBK-ND	9342176	660-MF1/4DCT52R6812F
R39	Resistor 1%	82k	1	METALL 82,0K	82.5KXBK-ND	9342281	660-MF1/4DCT52R8202F
R20, R28, R40, R41, R42	Resistor 1%	100k	12	METALL 100K	100KXBK-ND	9341129	660-MF1/4DCT52R1003F
R9	Resistor 1%	1M	1	METALL 1,00M	1.00MXBK-ND	9341137	660-MF1/4DCT52R1004F
R3, R4	Trimmer	5k	2	64W-5K	T93XA-5.0K-ND	1141376	72-T93XA-5K
C6, C21, C35	Ceramic cap	10p	3	KERKO 10P	478-4843-ND	1694176	594-K100K15C0GF53L2
C4, C16	Ceramic cap	100p	2	KERKO 100P	399-4142-ND	1694179	594-K101K15C0GF53L2
C9, C15, C22, C26	Polystyrene cap	220p	4	STYROFLEX 220P	399-4164-ND	9520031	23PS122
C11, C12, C24, C25	Ceramic cap	560p	4	KERKO 560P	490-3850-ND	1694300	594-K561J15C0GF53L2
C3, C5, C7, C8, C10, C11	Ceramic cap	100n	17	X7R-2,5 100N	BC1148CT-ND	1694337	75-1C10Z5U104M050B
C30	Ceramic cap	220n	1	Z5U-2,5 220N	BC1149CT-ND	1141778	810-FK18Y5V1H224Z
C2, C28, C29	Electrolytic cap, NP/audio	4.7u	3		P1175-ND	1236689	647-UVP1E4R7MDD
C31	tantalum cap, > 15V	10u	1	TANTAL 10/16	478-1839-ND	1753975	581-TAP106K016SRW
C1, C32, C39	Electrolytic cap	100u	3	RAD 100/16	P13476-ND	1600568	667-EEU-FR1E101
C37, C38	Electrolytic cap	> 220u	2	RAD 220/35	P10297-ND	9451099	667-ECA-1HM221
D1	Diode 1N400x		1	1N 4004	641-1311-1-ND	1651084	625-1N4001-E3/73
D2, D3	Diode 1N4148		2	1N 4148	1N4148TACT-ND	1612346	78-1N4148-TAP
D4, D5	Zener Diode	2.4V	2	ZF 2,4	1N5221BDO35MSCT-ND	1467581	78-1N5221B

## 4Pole Mission

Q1, Q2	PNP transistor	2N3906	2	2N 3906	2N3906FS-ND	1704728	512-2N3906TA
IC7	LT1054 DC/DC converter		1	LT 1054 CN8	296-9591-5-ND	1652378	
IC11	LM7805 +5V Vreg		1	µA 7805	LM7805CT-ND	9666095	863-MC7805ACTG
IC12	LM7905 -5V Vreg		1	µA 7905	LM7905CTFS-ND	9666141	863-MC7905ACTG
IC1, IC4, IC6	TL072 dual op-amp		3	TL 072 DIP	497-2201-5-ND	1103005	595-TL072CP
IC2	TL074 quad op-amp		1	TL 074 DIL	497-2205-5-ND	9755934	595-TL074CN
IC3	LM13700 dual OTA		1	LM 13700 DIL	LM13700N-ND	1651866	
IC5	SSM2164 quad VCA		1	Small Bear Electronics V2164D			
IC8	74hc595 shift register		1	74HC 595	568-1484-5-ND	1013845	511-M74HC595
IC9	CD4051 multiplexer		1	74HC 4051	296-2057-5-ND	1106109	595-CD4051BE
IC10	CD4053 triple SPDT switch		1	74HC 4053	568-1459-5-ND	1106110	595-CD4053BE
	IC Socket DIP 8		4	GS8	A100204-ND	1654374	571-1-390261-2
	IC Socket DIP 14		1	GS14	A100205-ND	1183573	571-1-390261-3
	IC Socket DIP 16		5	GS16	A100206-ND	1183574	571-1-390261-4
J2, J3	Neutrik Audio Jack 6.35		2			4169244	550-10201
J1	DC Jack		1	HEBW 21	CP-202A-ND	1737246	163-7620-E
J4	8 pins female header		2				
J6	6 pins female header		2	Sparkfun PRT-10007 or Coolcomponents 000348+000349			
PCB	PCB		1	Mutable Instruments 4-Pole Mission v0.2			
SW	Optional main rocker switch		1	WIPPE 1801.1102	CH755-ND	1608352	
R1, R2	Optional gain pot	10k	2	Tubetown Alpha 16 PCB 10k A			
R59, R60	Resistor 1%	220 to 10k	2	METALL 10,0K	10.0KXBK-ND	9341110	660-MF1/4DCT52R1002F