

BOM-SMR4-MK2

Index	Description	Value	QTY	Reichelt	Digikey	Farnell	Mouser
R3	Resistor 1%	68	1	METALL 68,0	68.1XBK-ND	9342192	660-MF1/4DCT52R68R0F
R5, R17, R31, R32, R34, R35	Resistor 1%	220	6	METALL 220	221XBK-ND	9341528	660-MF1/4DCT52R2200F
R11, R18	Resistor 1%	1k	2	METALL 1,00K	1.00KXBK-ND	9341102	660-MF1/4DCT52R1001F
R7, R20, R24	Resistor 1%	2.2k	3	METALL 2,20K	2.21KXBK-ND	9341536	660-MF1/4DCT52R2201F
R6, R15, R16, R19, R27, R28, R29, R30, R36, R37, R38, R39	Resistor 1%	10k	12	METALL 10,0K	10.0KXBK-ND	9341110	660-MF1/4DCT52R1002F
R4, R8, R21	Resistor 1%	18k	3	METALL 18,0K	18.2KXBK-ND	9341447	660-MF1/4DCT52R1802F
R13	Resistor 1%	33k	1	METALL 33,0k	33.2KXBK-ND	9341757	660-MF1/4DCT52R3302F
R22	Resistor 1%	47k	1	METALL 47,0k	47.5KXBK-ND	9341960	660-MF1/4DCT52R4702F
R14	Resistor 1%	100k	1	METALL 100k	100KXBK-ND	9341129	660-MF1/4DCT52R1003F
R23	Resistor 1%	150k	1	METALL 150k	150KXBK-ND	9341340	660-MF1/4DCT52R1503F
R12	Resistor 1%	330k	1	METALL 330k	332KXBK-ND	9341765	660-MF1/4DCT52R3303F
R9	Resistor 1%	1M	1	METALL 1,00M	1.00MXXBK-ND	9341137	660-MF1/4DCT52R1004F
R33	Trimmer	20k	1	64W-20K	T93XA-20K-ND	1141378	72-T93XA-20K
C3	Ceramic cap	10p	1	KERKO 10P	478-4843-ND	1694176	594-K100K15C0GF53L2
C6, C10, C13	Ceramic cap	100p	3	KERKO 100P	399-4142-ND	1694179	594-K101K15C0GF53L2
C25, C27, C32, C34	Film cap	1n	4	MKS-02 1,0N	BC1659-ND	1685470	80-MMK5102K63J01TR18
C5, C7, C8, C9, C14, C16, C17, C18, C23, C24, C26, C28, C29, C31, C33, C35	Ceramic cap	100n	16	X7R-2,5 100N	BC1148CT-ND	1694337	75-1C10Z5U104M050B
C15, C19	Ceramic cap	220n	2	Z5U-2,5 220N	BC1149CT-ND	1141778	810-FK18Y5V1H224Z
C4, C21, C22	Electrolytic cap, NP/audio	4.7u	3		P1175-ND	1236689	647-UVP1E4R7MDD
C1	Optional tantalum cap, > 15V	10u	1	TANTAL 10/16	478-1839-ND	1753975	581-TAP106K016SRW
C2, C11, C12	Electrolytic cap	100u	3	RAD 100/16	P13476-ND	1600568	667-EEU-FR1E101
C20, C30	Electrolytic cap	> 220u	2	RAD 220/35	P10297-ND	9451099	667-ECA-1HM221
D1	Diode 1N 400x		1	1N 4004	641-1311-1-ND	1651084	625-1N4001-E3/73
Q1, Q2, Q3, Q4	PNP transistor	2N3906	4	2N 3906	2N3906FS-ND	1704728	512-2N3906TA
IC1	LT1054 DC/DC converter		1	LT 1054 CN8	296-9591-5-ND	1652378	595-LT1054IP
IC9	LM7805 +5V Vreg		1	µA 7805	LM7805CT-ND	9666095	863-MC7805ACTG
IC5	LM7905 -5V Vreg		1	µA 7905	LM7905CTFS-ND	9666141	863-MC7905ACTG
IC2	TL072 dual op-amp		1	TL 072 DIP	497-2201-5-ND	1103005	595-TL072CP
IC4, IC7	TL074 quad op-amp		2	TL 074 DIL	497-2205-5-ND	9755934	595-TL074CN
IC3, IC6, IC8	LM13700 dual OTA		3	LM 13700 DIL	LM13700N-ND	1651866	926-LM13700N/NOPB
	IC Socket DIP 8		2	GS8	A100204-ND	1654374	571-1-390261-2
	IC Socket DIP 14		2	GS14	A100205-ND	1183573	571-1-390261-3
	IC Socket DIP 16		3	GS16	A100206-ND	1183574	571-1-390261-4
JP3	3 pins male header		1	SL 1X36G 2,54	HTSW-103-14-L-S-LL-ND	1668490	649-77311-118-06LF
JP3	Jumper		1	JUMPER 2,54 SW	A31697-ND	1740370	517-9691020000DA
J2, J3	Neutrik Audio Jack 6.35		2			4169244	550-10201

BOM-SMR4-MK2

J1	DC Jack		1	HEBW 21	CP-202A-ND	1737246	163-7620-E
J4, J5	8 pins female header		2	Sparkfun PRT-10007 or Coolcomponents 000348+000349			
PCB	PCB		1	Mutable Instruments SMR-4 mkII v0.1			
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			