

Tabelle1

Scrotum Lab / Késako – BOM for x0x Pacemaker rev2.0

RefDes	Qty	Pattern	Value	Name	
C1, C3, C4, C8, C9, C14, C15, C18	8	0805A	0.1uF	CAPACITOR0805	
C2	1	0805A	4.7nF	CAPACITOR0805 CAPACITOR0805	
C5, C6, C7	3	0805A	1uF	CAPACITOR0805	
C10, C11, C12, C13	4	CAP/6.3X5.3/SMD	47uF/25V	CAPACITOR-POL6.3X5.3/SMD (CAPACITOR-POL)	
C16, C17	2	0805A	100pF	CAPACITOR0805	
D1, D2, D3, D4	4	SOD-323F-2	1N4148	SOD-323F-2	
D5, D6	2	SOD-123	STPS0530	DIODESOD-123 (DIODE)	511-STPS0530Z
R1, R26	2	RES_0805	12k	RESISTOR0805	
R2, R3, R4, R5, R11, R12, R13, R14, R15, R16, R17, R18, R31, R32, R33	15	RES_0805	10k	RESISTOR0805	
R6	1	RES_0805	100	RESISTOR0805	
R7, R8, R9, R10, R29	5	RES_0805	2.2k	RESISTOR0805	
R19, R20, R25, R43, R44, R45, R51	7	RES_0805	100k	RESISTOR0805	
R21	1	RES_0805	150k	RESISTOR0805	
R22, R23, R30	3	RES_0805	220k	RESISTOR0805	
R24, R27	2	RES_0805	1k	RESISTOR0805	
R34	1	RES_0805	470k	RESISTOR0805	
R35, R36, R37, R38	4	RES_0805	36k	RESISTOR0805	
R28, R39, R40, R41, R42	5	RES_0805	51k	RESISTOR0805	
R46, R47	2	RES_0805	165k	RESISTOR0805	
R48, R49	2	RES_0805	47k	RESISTOR0805	
R50	1	RES_0805	1M	RESISTOR0805	
S1, S2	2	DPDT ON-ON-ON PCB mount submin	ON-ON-ON	DPDT ON-ON-ON	I bought them from Synthcube: SW200MDP6T1B1M2RE
S3	1	subminiature SWITCH	ON-ON	SWITCH_SPDT PCB mount	
U1	1	TL072-SO08	TL072	OPAMP/DUALSOIC (OPAMP/DUAL)	595-TL072CDR

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U2	1	TL074-SO14	LM339	COMPARATOR/QUADLM339/14-SOIC (COMPARATOR/QUAD)	595-LM339DRE4
U3	1	8-SOIC	LM555	5558-SOIC (555)	926-LM555CMX/NOPB
U4	1	TL074-SO14	74HC14	7414SOIC (7414)	595-CD74HC14M
U5	1	TL074-SO14	74HC00	740014-SOIC (7400)	595-CD74HC00M
U6	1	TO-220	L7805ACV	L7805ACV	511-L7805ACV
VR1	1	ALPS_POT_VERTICAL_PS	A1M	POT-DECAY	I bought them from Synthcube
VR2, VR5, VR6	3	ALPS_POT_VERTICAL_PS	A50k	POT-VOL, POT-CUTOFF, POT-ENVMOD	
VR3, VR4, VR7, VR8, VR9, VR10, VR12	8	ALPS_POT_VERTICAL_PS	B50k	POT-RES, POT-ACC-VCA, POT-PITCH, POT-ACC-VCF, POT-VCA-IN, POT-INT-VOLT, POT-VCF-OUT	
VR11	1	Song Huei 9mm trimmer pots	B50k	POT-VCF-IN	I bought them from Thonk
B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, B11, B12	12	Square-Round	BANANA	VCA_IN, VCA_OUT, ENVMOD_CV, VCF_OUT, DECAY_CV, VCF_IN, SLIDE_IN, ACCENT_CV, ACCENT_IN, CUTOFF_CV, GATE_IN, CV_IN	
J1, J2	2	JMP/6P/SIP	HEADER	JMP/6P/SIP	
J7, J8	2	JMP/2P/SIP	HEADER	JMP/2P/SIP	
H1, H2, H3, H4, H5, H6, H7, H8, J3, J6	10	JMP/3P/SIP	HEADER	JMP/3P/SIP	
J9	1	MTA100	MTA-100	MTA-100	
J4	1	eurorack power 10pins	HEADER	Eurorack power 10_PIN_HEADER	
J5	1	HEADER HDR-2x8T/2.54x2.54/20x5		Eurorack 2x8pins header	