

MHxER BOM

Id	Designator	Component	Quantity	Value	Supplier and ref
1	J3,J1,J2,J4,J5,J6,J7,J8,J9	Thonkiconn Jacks (PJ301M-12)	9		https://www.thonk.co.uk/shop/3-5mm-jacks/
2	P1	10 Pin Shrouded Male Header	1		
3	C1,C2,C3,C4,C5,C6	Multilayer Ceramic Capacitors	6	.1uF	
4	C7,C8	Aluminum Electrolytic Capacitors	2	10uF	
5	D1,D2	1N4001	2		
6	F1,F2	EMI Filter Beads	2		
7	R1,R2,R3,R4	Metal Film Resistors 1%	4	100K	
8	R5,R6,R7,R8,R20	Metal Film Resistors 1%	5	499	
9	R9,R10,R11,R12,R13,R14,R15,R16,R17,R18,R19	Metal Film Resistors 1%	11	1K	
10	RV1,RV2,RV3,RV4	Alpha 9mm Pots	4	1K	https://www.thonk.co.uk/shop/alpha-9mm-pots/
12	U1,U2,U3	LM6172	3	LM6172	
13	SW4,SW3,SW2,SW1	SPDT_ON_ON	4		http://www.tme.eu/it/details/przelbl1x3/interruttori-a-leva/
		Davies 1900h Clone 6.35mm Round Shaft	4		https://www.thonk.co.uk/shop/1900h/

Alternative: RV1, RV2, RV3, RV4, R13, R14, R15, R16, R17, R18, R19 >>> 10K

Attention: the holes of D1 and D2 are very small