

Eurorack Effects Unit BOM

#	Quantity	Name	Value	RefDes				
1	2	POLCAP	47uF	C1	C5			
2	3	CAP200	.1uF	C2	C4	C6	C9	
3	1	CAP200	.22uF	C3				
4	1	CAP200	470pF	C7				
5	1	POLCAP	10uF	C8				
6	1	CAP200	100pF	C10				
7	1	CAP200	1.0nF	C11				
8	2	1N4002		D1	D2			
9	2	Qingpu-WQP518MA		jack1	jack2			
10	1	2X5 Power Header: SBH11-P8BC-D05-ST or similar		PowerHeader1				
11	5	Potentiometer: Song Huei (R0904N) 9mm, Tall: select 10k with 17mm shaft length and audio or linear taper as desired for each function.	10K	R1	R2	R3	R4	R6
12	2	RES400	10k	R5	R7	R12		
13	2	RES400	100k	R8	R9			
14	1	RES400	33K	R10				
15	1	RES400	2.2K	R11				
16	1	RES400	1K	R13				
17	1	TL1105HF1600 Tact Switch		S1				
18	1	Teensy 4		Teensy4				
19	1	7805 Regulator		U1				
20	2	Mono flywire		U2	U4			
21	1	MCP6002-E/P		U3				
22	1	TL072P		U5				
23	4	10mm Hex Standoffs M3X0.5: 971100321 with M3 screws and nuts						
24	2	CONN HDR 14POS 0.1: PPTC141LFBN or similar for Teensy						
25	2	Optional wire connectors for U2 and U4						
26	2	Optional: 8-pin DIP IC 2.54mm sockets for U3 and U5						