BOM Quatro - Main Board – rev 1.1

ID	Name / Value	Designator	Format	QTY
		Resistors		
1	510	R1,R4,R23,R26,R36,R39,R49,R52	Horizontal	8
2	1.2k	R14,R20,R27,R30	Horizontal	4
3	4.7k	R57,R58,R61,R63	Horizontal	4
4	5.1k	R8,R9,R11,R16,R18,R19,R29,R31,R32,R44,R45,R53,R54,R55	Horizontal	14
5	5.6k	R12,R15,R28	Horizontal	3
6	10k	R41,R42	Horizontal	2
7	100k	R3,R6,R21,R24,R34,R37,R47,R50	Horizontal	8
8	1M	R2,R5,R7,R10,R13,R17,R22,R25	Horizontal	8
9	10M	R56,R59,R60,R62	Horizontal	4
		Diodes		
10	1N4733 or 1N5231A	D5,D6	DO-35	2
11	1N5819	D1,D2,D3,D4	DO-41	4
		Ferrite beads		
12	2743001111 (Mouser)	L1,L2	AXIAL-L-4.7X3.5	2
		DIP sockets		
13	14pin	U3,U4,U5,U6,U7	DIP-14	5
14	16pin	U1,U2	DIP-16	2
		Capacitors		
15	100pF	C1,C4,C5,C6,C7,C10,C11,C12,C15,C16,C17,C20	CAP-5.08MM	12
16	560pF	C2,C3,C8,C9,C13,C14,C18,C19	CAP-5.08MM	8
17	100nF	C23,C24,C25,C26,C27,C28,C29,C30,C31,C32,C33,C34,C35,C36	CAP-5.08MM	14
18	22uF **Panasonic**	C21,C22	CAP-D6.3XF2.5	2
		ICs		
19	AS2164	U1,U2	DIP-16	2
20	TL074	U3,U4,U5,U6,U7	DIP-14	5
		Male headers		
21	VCA_1_2-VCA_3_4	H1,H2	HDR-12X1 / 2.54mm	4
22	LEDS	H3	HDR-8X1 / 2.54mm	1
23	RAILS	H4	HDR-5X1 / 2.54mm	1
24	POWER	JP1	2X5 pin BOX HEADER	1
		PCB		
25	Main Board	Quatro_main_rev1.1.zip	58 x 110mm	1
		Hardware		
26	Standoff (Mouser or Thonk)	710-970110321 (Mouser)	M3 x 11mm (SW5.5)	2
27	Standoff screw	---	M3 x 4mm	4