

L-1 SYNTH

QUAD VC EQ PCB1 – Parts list.

Items marked green are already installed or are included

Qty	Value	Package	Comments	Parts	Farnell code
IC's					
4	TL074	DIL14		IC106, IC206, IC306, IC406	1564329
Diodes					
2	LM4040-10	TO92		D3, D4	1673984
2	1N4004	Through-hole	or 1N4007	D1, D2	1843708
Capacitors					
4	100p	1206	Ceramic	C101, C106, C201, C206	1414704
10	0.1uF	1206	Ceramic, power decoupling caps		1759361
12	100n	1206	Ceramic	C109, C110, C111, C209, C210, C211, C309, C310, C311, C409, C410, C411	1759361
2	470uF	5mm	electrolyth	C1, C2	1800650
8	47uF	2.5mm	electrolyth	C101, C107, C201, C207, C301, C307, C401, C407	8766738
Resistors					
2	ferrite bead	through-hole		R1, R2	1781253
4	330	1206		R117, R217, R317, R417	2078994
2	510	1206		R3, R4	
20	2K	1206		R153, R154, R155, R164, R165, R253, R254, R255, R264, R265, R353, R354, R355, R364, R365, R453, R454, R455, R464, R465	1469985
2	3K6	1206		469, R169	
4	4K7	1206		R151, R251, R351, R451	
4	4K99	1206		R158, R258, R358, R458	1470015
8	30K	1206		R126, R145, R226, R245, R326, R345, R426, R445	1100230
50	100K	1206			2079015
8	120K	1206		R157, R159, R257, R259, R357, R359, R457, R459	
8	137K	1206		R150, R160, R250, R260, R350, R360, R450, R460	
8	200K	1206		R125, R144, R225, R244, R325, R344, R425, R444	
Trim pots					
4	10K		OFFSET	T101, T201, T301, T401	9353186
4	1K		V/OCT	T102, T202, T302, T402	9353178
Potentiometers					
12	50K_lin	9mm PC mount			Thonk VERTICAL: B50K Smallbear 1012A Tayda A-1858 Erthenvar

Switches					
2	DPDT on-on	Sub-miniature		S1, S3	9473068 Smallbear 0223
2		DIP02		S2, S4	9472126
Other					
1	Euro power connector angled			SV1	1929106
2	Receptacle 26-way	2.54mm, vertical	Samtec BCS-113-L-D-TE or cut from longer	Y1, Y2	2308431
23	Jack 3,5mm	PC-mount	Erthenvar or Kobiconn		Thonk Thonkiconn Erthenvar Erthenvar
4	Spacer 10mm			use two washers	
4	Spacer 6mm				
12	Knobs 16mm		Synth pointer #2		Thonk KNOB_SynthTech Smallbear 0808D