

L-1 SYNTH

QUAD VC EQ PCB2 – Parts list.

Items marked green are already installed or are included

Qty	Value	Package	Comments	Parts	Farnell code
IC's					
4	TL074	DIL14		IC107, IC207, IC307, IC407	1564329
12	OPA2604	DIL08	TL072 for low budget	IC103, IC104, IC105, IC203, IC204, IC205, IC303, IC304, IC305, IC403, IC404, IC405	1097431 1106015
8	THAT2180	SIP8		IC101, IC102, IC201, IC202, IC301, IC302, IC401, IC402	1354167
2	THAT300	DIL14	or install 4 of BC847BS	Q1, Q2	1354175
2	DG412	DIL16		U1, U2	
Diodes					
2	1N4004	Through-hole	or 1N4007	D1, D2	1843708
8	1N4148	Through-hole		D101, D102, D201, D202, D301, D302, D401, D402	1651088
Capacitors					
16	22p	1206	Ceramic	C102, C103, C106, C108, C202, C203, C206, C208, C302, C303, C306, C308, C402, C403, C406, C408	1800833
8	4n7	18mm	Polystyrene	C104, C105, C204, C205, C304, C305, C404, C405	9520562
46	0.1uF	1206	Ceramic, power decoupling caps		1759361
Resistors					
8	100	1206		R119, R122, R219, R222, R319, R322, R419, R422	2078994
4	390	1206		R135, R235, R335, R435	
8	1K	1206		R138, R140, R238, R240, R338, R340, R438, R440	2079001
8	3K9	1206		R111, R113, R211, R213, R311, R313, R411, R413	
8	4K7	0805	tempco	R152, R163, R252, R263, R352, R363, R452, R463	
4	4K99	1206		R108, R208, R308, R408	1470015
48	10K	1206		R104, R110, R120, R121, R129, R130, R131, R132, R133, R134, R142, R143, R204, R210, R220, R221, R229, R230, R231, R232, R233, R234, R242, R243, R304, R310, R320, R321, R329, R330, R331, R332, R333, R334, R342, R343, R404, R410, R420, R421, R429, R430, R431, R432, R433, R434, R442, R443	2079007
8	12K	1206		R102, R115, R202, R215, R302, R315, R402, R415	
32	20K	1206		R101, R103, R112, R114, R116, R118, R136, R137, R201, R203, R212, R214,	1469993

				R216, R218, R236, R237, R301, R303, R312, R314, R316, R318, R336, R337, R401, R403, R412, R414, R416, R418, R436, R437	
12	24K9	1206		R105, R106, R109, R205, R206, R209, R305, R306, R309, R405, R406, R409	
8	49K9	1206		R123, R124, R223, R224, R323, R324, R423, R424	2057780
10	100K	1206			2079015
Other					
2	Header 26-way	2.54mm, vertical	Samtec HTSW-113-07-G-D or cut from longer	Y3, Y4	2010424