

L-1 SYNTH

STEREO MIXER PCB 2 – Parts list.

Items marked green are already installed or are included

Qty	Value	Package	Comments	Parts	Farnell code
IC's					
1	TL072	DIL08		IC8	1106015
7	TL074	DIL14		IC1, IC2, IC3, IC4, IC5, IC6, IC7	1256325
8	THAT2180	SIP8		U1, U2, U3, U4, U5, U6, U7, U8	1354167
7	THAT300P	DIL14	or install 13 of BC847BS	Q1, Q2, Q3, Q4, Q5, Q6, Q7	1354175
2	OPA604	DIL08		IC10, IC11	1651885
Capacitors					
15	22p	1206	Ceramic	C21, C22, C25, C102, C104, C106, C202, C204, C206, C302, C304, C306, C402, C404, C406	1800833
13	100p	1206	Ceramic	C26, C101, C103, C105, C201, C203, C205, C301, C303, C305, C401, C403, C405	1414704
33	0.1uF	1206	Ceramic, power decoupling caps	C1, C2, C3, C4, C5, C6, C7, C8, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38, C39, C43, C44, C45, C46, C48, C50, C52, C54, C56, C58, C60, C62	1759361
Resistors					
8	150	1206		R103, R106, R203, R206, R303, R306, R403, R406	2078996
24	1K	1206		R7, R8, R9, R10, R11, R12, R13, R14, R22, R23, R24, R25, R26, R27, R28, R29, R113, R114, R213, R214, R313, R314, R413, R414	2079001
13	2K	1206		R18, R111, R122, R130, R211, R222, R230, R311, R322, R330, R411, R422, R430	1469985
13	2K tempco	0805	or install regular 2K 1206	R17, R110, R121, R129, R210, R221, R229, R310, R321, R329, R410, R421, R429	1174317
8	3K	1206		R124, R132, R224, R232, R324, R332, R424, R432	1100203
8	3K9	1206		R102, R105, R202, R205, R302, R305, R402, R405	1100206
10	20K	1206		R15, R16, R101, R104, R201, R204, R301, R304, R401, R404	1469993
8	82K	1206		R120, R128, R220, R228, R320, R328, R420, R428	2139581
8	100K	1206		R117, R118, R217, R218, R317, R318, R417, R418	2079015
8	137K	1206		R123, R131, R223, R231, R323, R331, R423, R431	2139599
5	150K	1206		R4, R109, R209, R309, R409	2079016
5	220K	1206		R21, R112, R212, R312, R412	2079017
8	249K	1206		R119, R127, R219, R227, R319, R327, R419, R427	1470001

Other					
1	Euro power connector angled			SV2	1929106
2	Header 16-way	2.54mm, vertical	Samtec HTSW-108-07-G-D	SV4, SV6	Farnell 1928593 Samtec HTSW-108-07-G-D