

Stereo Filter Shruthi BOM	Stereo Filter				Mouser	Farnell	Reichelt
Date-29.12.2015	Tube	Ohm					
	Value	description					
Arduino stackable 8 Pin header	2		Small Board header		872-920-0088-01	xxx	xxxx
C1,2,3,4	4	220n	2,54x5,08 RM2,54Ceramic2,54x5,08		810-FK18Y5V1H224Z	1141778	Z5U-2,5 220N
C5,6	2	100p100p	2,54x5,08 RM2,54Ceramic2,54x5,08		594-K101K15C0GF53L2	1694179	KERKO 100P
C7,8,14,16	4	1n	Filter Caps, WIMA INFilter Caps,		505-FKP0C011000BK100	xxx	FKP-02 1,0N
C9,10,11,12,13,15,30-	26	100n100n	2,54x5,08 RM2,54Ceramic2,54x5,08		75-1C10Z5U104M050B	1694337	X7R-2,5 100N
C17,18,21,22,27,28	6	470p470p	2,54x5,08 RM2,54Ceramic2,54x5,08		75-1C10C0G471J050B	1827826	KERKO 470P
C19,20,23,24,25,26	6	4,7uF NP	D5R2,54 ELKOD5R2,54 ELKO		647-UVP1E4R7MDD	1236689	xxxx
C47	1	10uF tantal	D4R2,54 ELKOD4R2,54 ELKO		581-TAP106K016SCS	1753975	TANTAL 10/16
C48	1	10p10p	2,54x5,08 RM2,54Ceramic2,54x5,08		594-K100K15C0GF53L2	1694176	KERKO 10P
C49,50,51	3	100uF100uF	D5R2,54 ELKOD5R2,54 ELKO		667-ECA-1VM101	1600568	RAD 100/16
C52,53	2	220uF220uF	D11R5,08 ELKOD11R5,08 ELKO		667-ECA-1HM221	9451099	RAD 220/35
D1,2,3,4,5,6,7,8,9,10,11,12	12	1N41481N4148	DiodeDiode		512-1N4148	9565124	1N4148
D13	1	1N40011N4001	DiodeDiode		512-1N4001	1651084	1N4001
IC1,IC5	2	TL074CN	DIL14		595-TL074CN	9755934	TL 074 DIL
IC2,IC3,IC7,IC9	4	LM13700N	DIL16		926-LM13700N/NOPB	1651866	LM 13700 DIL
IC8,IC6,IC4	3	TL072	DIL8		595-TL072IPE4	1103005	TL 072 DIP
IC10	1	LT1054	DIL8		595-LT1054CP	1648667	LT 1054 CN8
IC11	1	7805	TO220		511-L7805CV	9666095	uA 7805
IC12	1	7905	TO220		863-MC7905ACTG	9666141	uA 7905
9Volt connector	1	9VDC	9V DC plug		163-7620-E	1737246	HEBW 21
Connector Stereo Volume pot	2	optional	Bridge it				
R1,R2,R6,R7,R36,	5	20k	Pot 20Kohm		594-64Z203	1141378	64Z-20K
R11	1	50k	Pot 50Kohm		594-64Z503	1141392	64Z-50K
IC socket 8 pol	4	IC socket			571-1-2199298-2	1654374	GS 8
IC socket 14 pol	2	IC socket			571-1-2199298-3	1183573	GS 14
IC socket 16 pol	4	IC socket			571-1-2199298-4	1183574	GS 16
R3,4,5,8,37,38,49,50	8	47k	Metall		594-5073NW47K00J	9341960	Metall 47.0 k
R9,10,30,31,32,33,27,35	8	2,2k2,2k	MetallMetall		594-5073NW2K200J	9341536	Metall 2.2 k
R12,13	2	120k120k	MetallMetall		594-5073NW120K0J	9341242	Metall 120 k
R14,16,34	3	1k1k	MetallMetall		660-MOS1CT52R102J	9341102	Metall 1.0 k
R15,17	2	330k	MetallMetall		594-5073NW330K0J	9341765	Metall 330 k
R18,21,40,45	4	390	MetallMetall		660-MOS1CT52R391J	9341846	Metall 390
R19,28,39,41,66,67,68,70,72,73,74	11	10k10k	MetallMetall		660-MOS1CT52A103J	9341110	Metall 10.0 k
R20,44	2	39k39k	MetallMetall		660-MO1CT52R393J	9341862	Metall 39 k
R22,29,46,48,51	5	4.7k4.7k	MetallMetall		660-MOS1CT52R472J	9341951	Metall 4.7 k
R24,43	2	100k100k	MetallMetall		594-5073NW100K0J	9341129	Metall 100 k
R23,47,R25,R22	4	27k27k	MetallMetall		660-MOS1CT52R273J	9341650	Metall 27 k
R26	1	6.2k6.2k	MetallMetall		660-MO1CT52R622J	9342117	Metall 6.2 k
R52,53,60,61	4	470	MetallMetall		660-MOS1CT52R471J	9341943	Metall 470
R54,63,56,59	4	18k18k	MetallMetall		660-MOS1CT52R183J	9341447	Metall 18.0 k
R55,62	2	22k22k	MetallMetall		660-MOS1CT52R223J	9341544	Metall 22.0 k
R57,64	2	68	MetallMetall		660-MOS1CT52R680J	9342176	Metall 68
R69,71	2	220	Metall		660-MOS1CT52R221J	9501398	Metall 220
T1,2,3,4,5,6	6	2N3906	TO92(1)		512-2N3906BU	1574372	2N 3906
X2	2	Neutrik stereo audio	EBS63P		550-20301	152063	xxxx
STEREO PCB	1	LSF-K1	TubeOhm				

