Value	Quantity	Package	Elements
Integrated Circuits			
Z84C006	1	DIP-40	IC1
W27C512	1	DIP-28	IC2
UT621024-70LL	1	DIP-32	IC3
74HC04N	1	DIP-14	IC4
74HC245N	3	DIP-20	IC5, IC6, IC7
74HC573N	1	DIP-20	IC8
TL712	1	DIP-08	IC9
EPM7128STC100	1	TQFP-100	IC10
AD724JR	1	SO16W	IC11
AY-3-8912A	1	DIP-28	IC12
LM2596S-5.0	1	TO263-5	IC13
Transistors			
BC548	5	TO92	Q2, Q3, Q4, Q5, Q15
2SA1175	8		Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q14
Capacitors			
10pF	2		C17, C20
	1		C21
22pF			
100pF			C1
1nF	2		C24, C25
3,3nF	2		C16, C28
100nF	21		C2, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C18, C23, C26 C27, C31, C32, C33, C35
100nF smd 0805	5	0805	C27, C31, C32, C33, C33 C3, C37, C38, C39, C40
room ama doud	J	low profile	CU, CU7, CU0, CU7, C40
10uF	3	electrolytic cap, 2.5mm	C22, C29, C30
220uF	2	low profile electrolytic cap, 2.5mm	C19, C36
680uF	1	low profile electrolytic cap, 5mm	C34
Diodes			
2w10m	1		B1
1n4742a	1		D1
1n4740a	1		D2
1n5822	1		D3
1n4148  Quartz resonators	1		D4
14MHz	1	HC49/S	Q1
4.433MHz	 1	HC49/S	Q6
Resistors		1101770	
68	6	0.25W	R18, R19, R20, R21, R22, R23
75	4	0.25W	R26, R27, R28, R30
150	1	0.25W	R33
270	3	0.25W	R24, R25, R32
470	2	0.25W	R1, R2
1k	6	0.25W	R34, R35, R36, R37, R42, R45
2k	4	0.25W	R43, R44, R46, R49
2k2			(175, 177, 177)
	4	0.25W	R6, R15, R16, R17
2k7	4		
2k7 3k9	1 3	0.25W	R6, R15, R16, R17
	1	0.25W 0.25W	R6, R15, R16, R17 R29
3k9	1	0.25W 0.25W 0.25W	R6, R15, R16, R17 R29 R10, R12, R14
3k9 4k7	1 3 3	0.25W 0.25W 0.25W 0.25W	R6, R15, R16, R17 R29 R10, R12, R14 R3, R47, R48
3k9 4k7 10k	1 3 3 8	0.25W 0.25W 0.25W 0.25W 0.25W	R6, R15, R16, R17 R29 R10, R12, R14 R3, R47, R48 R4, R5, R7, R8, R31, R39, R51, R52
3k9 4k7 10k 12k	1 3 3 8 2	0.25W 0.25W 0.25W 0.25W 0.25W	R6, R15, R16, R17 R29 R10, R12, R14 R3, R47, R48 R4, R5, R7, R8, R31, R39, R51, R52 R38, R50
3k9 4k7 10k 12k 18k	1 3 3 8 2	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W	R6, R15, R16, R17  R29  R10, R12, R14  R3, R47, R48  R4, R5, R7, R8, R31, R39, R51, R52  R38, R50  R9, R11, R13
3k9 4k7 10k 12k 18k 33k 470k	1 3 3 8 2	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W	R6, R15, R16, R17  R29  R10, R12, R14  R3, R47, R48  R4, R5, R7, R8, R31, R39, R51, R52  R38, R50  R9, R11, R13  R41  R40
3k9 4k7 10k 12k 18k 33k 470k	1 3 3 8 2	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W resistor network, common pin 1 resistor network,	R6, R15, R16, R17 R29 R10, R12, R14 R3, R47, R48 R4, R5, R7, R8, R31, R39, R51, R52 R38, R50 R9, R11, R13 R41 R40 RN1, RN3
3k9 4k7 10k 12k 18k 33k 470k 8 x 10k 5 x 10k	1 3 3 8 2	0.25W common pin 1	R6, R15, R16, R17  R29  R10, R12, R14  R3, R47, R48  R4, R5, R7, R8, R31, R39, R51, R52  R38, R50  R9, R11, R13  R41  R40
3k9 4k7 10k 12k 18k 33k 470k 8 x 10k 5 x 10k Inductors	1 3 3 8 2	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W resistor network, common pin 1 resistor network, common pin 1	R6, R15, R16, R17  R29  R10, R12, R14  R3, R47, R48  R4, R5, R7, R8, R31, R39, R51, R52  R38, R50  R9, R11, R13  R41  R40  RN1, RN3
3k9 4k7 10k 12k 18k 33k 470k 8 x 10k 5 x 10k	1 3 3 8 2	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W resistor network, common pin 1 resistor network, common pin 1	R6, R15, R16, R17 R29 R10, R12, R14 R3, R47, R48 R4, R5, R7, R8, R31, R39, R51, R52 R38, R50 R9, R11, R13 R41 R40 RN1, RN3
3k9 4k7 10k 12k 18k 33k 470k 8 x 10k 5 x 10k Inductors 68uH	1 3 3 8 2	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W resistor network, common pin 1 resistor network, common pin 1	R6, R15, R16, R17  R29  R10, R12, R14  R3, R47, R48  R4, R5, R7, R8, R31, R39, R51, R52  R38, R50  R9, R11, R13  R41  R40  RN1, RN3
3k9 4k7 10k 12k 18k 33k 470k 8 x 10k 5 x 10k Inductors 68uH Connectors	1 3 3 8 2 3 1 1 1	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W resistor network, common pin 1 resistor network, common pin 1 power inductor, 12.5x12.5mm	R6, R15, R16, R17  R29  R10, R12, R14  R3, R47, R48  R4, R5, R7, R8, R31, R39, R51, R52  R38, R50  R9, R11, R13  R41  R40  RN1, RN3  RN2
3k9 4k7 10k 12k 18k 33k 470k 8 x 10k 5 x 10k Inductors 68uH Connectors Power jack	1 3 3 8 2 3 1 1 1	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W resistor network, common pin 1 resistor network, common pin 1 power inductor, 12.5x12.5mm	R6, R15, R16, R17  R29  R10, R12, R14  R3, R47, R48  R4, R5, R7, R8, R31, R39, R51, R52  R38, R50  R9, R11, R13  R41  R40  RN1, RN3  RN2
3k9 4k7 10k 12k 18k 33k 470k 8 x 10k 5 x 10k Inductors 68uH Connectors Power jack Pin header 1x2	1 3 3 8 2 3 1 1 1 1 1 1	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W resistor network, common pin 1 resistor network, common pin 1 power inductor, 12.5x12.5mm	R6, R15, R16, R17  R29  R10, R12, R14  R3, R47, R48  R4, R5, R7, R8, R31, R39, R51, R52  R38, R50  R9, R11, R13  R41  R40  RN1, RN3  RN2  L1  J1  X9
3k9 4k7 10k 12k 18k 33k 470k 8 x 10k 5 x 10k Inductors 68uH Connectors Power jack Pin header 1x2 Pin header 1x3 Pin header 2x5	1 3 3 8 2 3 1 1 1 1 1 1	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W resistor network, common pin 1 resistor network, common pin 1 power inductor, 12.5x12.5mm  5mm common jack 2.54mm header shrouded 2.54mm	R6, R15, R16, R17  R29  R10, R12, R14  R3, R47, R48  R4, R5, R7, R8, R31, R39, R51, R52  R38, R50  R9, R11, R13  R41  R40  RN1, RN3  RN2  L1  J1  X9  JP1, JP2, JP3, JP5
3k9 4k7 10k 12k 18k 33k 470k 8 x 10k  5 x 10k  Inductors 68uH  Connectors Power jack Pin header 1x2 Pin header 1x3 Pin header 2x5 shrouded	1 3 3 8 2 3 1 1 1 1 1 1	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W resistor network, common pin 1 resistor network, common pin 1 resistor network, common pin 1  5mm common jack 2.54mm header shrouded 2.54mm header	R6, R15, R16, R17  R29  R10, R12, R14  R3, R47, R48  R4, R5, R7, R8, R31, R39, R51, R52  R38, R50  R9, R11, R13  R41  R40  RN1, RN3  RN2  L1  J1  X9  JP1, JP2, JP3, JP5  X6
3k9 4k7 10k 12k 18k 33k 470k 8 x 10k  5 x 10k  Inductors 68uH  Connectors Power jack Pin header 1x2 Pin header 1x3 Pin header 2x5 shrouded Pin header 1x9	1 3 3 8 2 3 1 1 1 1 1 1	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W resistor network, common pin 1 resistor network, common pin 1  resistor network common pin 1  5mm common jack 2.54mm header shrouded 2.54mm header 2.54mm header	R6, R15, R16, R17  R29  R10, R12, R14  R3, R47, R48  R4, R5, R7, R8, R31, R39, R51, R52  R38, R50  R9, R11, R13  R41  R40  RN1, RN3  RN2  L1  J1  X9  JP1, JP2, JP3, JP5  X6  X3
3k9 4k7 10k 12k 18k 33k 470k 8 x 10k  5 x 10k  Inductors 68uH  Connectors Power jack Pin header 1x2 Pin header 1x3 Pin header 2x5 shrouded Pin header 1x9 RCA connector Mini-DIN 8	1 3 3 8 2 3 1 1 1 1 1 1	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W resistor network, common pin 1 resistor network, common pin 1  resistor network common pin 1  5mm common jack 2.54mm header shrouded 2.54mm header 2.54mm header	R6, R15, R16, R17  R29  R10, R12, R14  R3, R47, R48  R4, R5, R7, R8, R31, R39, R51, R52  R38, R50  R9, R11, R13  R41  R40  RN1, RN3  RN2  L1  J1  X9  JP1, JP2, JP3, JP5  X6  X3  X1
3k9 4k7 10k 12k 18k 33k 470k 8 x 10k  5 x 10k  Inductors 68uH  Connectors Power jack Pin header 1x2 Pin header 1x3 Pin header 2x5 shrouded Pin header 1x9 RCA connector Mini-DIN 8	1 3 3 8 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W resistor network, common pin 1 resistor network, common pin 1  resistor network common pin 1  5mm common jack 2.54mm header shrouded 2.54mm header 2.54mm header	R6, R15, R16, R17 R29 R10, R12, R14 R3, R47, R48 R4, R5, R7, R8, R31, R39, R51, R52 R38, R50 R9, R11, R13 R41 R40 RN1, RN3 RN2 L1  J1 X9 JP1, JP2, JP3, JP5 X6 X3 X1 X1 X2
3k9 4k7 10k 12k 18k 33k 470k 8 x 10k  5 x 10k  Inductors 68uH  Connectors Power jack Pin header 1x2 Pin header 1x2 Pin header 1x3 Pin header 2x5 shrouded Pin header 1x9 RCA connector Mini-DIN 8  Audio jack 3.5mm	1 3 3 8 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W 0.25W resistor network, common pin 1 resistor network, common pin 1  resistor network common pin 1  5mm common jack 2.54mm header shrouded 2.54mm header 2.54mm header	R6, R15, R16, R17  R29  R10, R12, R14  R3, R47, R48  R4, R5, R7, R8, R31, R39, R51, R52  R38, R50  R9, R11, R13  R41  R40  RN1, RN3  RN2  L1  J1  X9  JP1, JP2, JP3, JP5  X6  X3  X1  X2  X4, X5