

2.2 Audio System Part Lists

Part	Value	Device	Package	Description
C1	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C2		CPOL-USE7.5-16	E7,5-16	POLARIZED CAPACITOR, American symbol
C3	1u	CAP_POLPTH2	CPOL-RADIAL-10UF-25V	Capacitor Polarized
C4	22u	CPOL-USE2.5-5	E2,5-5	POLARIZED CAPACITOR, American symbol
C5	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C6		CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C7	220n	C-EU050-025X075	C050-025X075	CAPACITOR, European symbol
C8	1u	CAP_POLPTH2	CPOL-RADIAL-10UF-25V	Capacitor Polarized
C9	22u	CPOL-USE2.5-5	E2,5-5	POLARIZED CAPACITOR, American symbol
C10	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C11	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C12	1u	CAP_POLPTH2	CPOL-RADIAL-10UF-25V	Capacitor Polarized
C13	470u	CPOL-USE5-10.5	E5-10,5	POLARIZED CAPACITOR, American symbol
C14	220n	C-EU050-025X075	C050-025X075	CAPACITOR, European symbol
C15	1u	CAP_POLPTH2	CPOL-RADIAL-10UF-25V	Capacitor Polarized
C16	22u	CPOL-USE2.5-5	E2,5-5	POLARIZED CAPACITOR, American symbol
C17	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C18	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C19		CPOL-USE7.5-16	E7,5-16	POLARIZED CAPACITOR, American symbol
C20	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C21	220n	C-EU050-025X075	C050-025X075	CAPACITOR, European symbol
C22	22u	CPOL-USE2.5-5	E2,5-5	POLARIZED CAPACITOR, American symbol
C23	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C24		CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol

C25	0.47u	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C26	220n	C-EU050-025X075	C050-025X075	CAPACITOR, European symbol
C27	470u	CPOL-USE5-10.5	E5-10,5	POLARIZED CAPACITOR, American symbol
C28	470u	CPOL-USE5-10.5	E5-10,5	POLARIZED CAPACITOR, American symbol
C29	470u	CPOL-USE5-10.5	E5-10,5	POLARIZED CAPACITOR, American symbol
C30	1u	CAP_POLPTH2	CPOL-RADIAL-10UF-25V	Capacitor Polarized
C31		C-EU025-030X050	C025-030X050	CAPACITOR, European symbol
C32		C-EU025-030X050	C025-030X050	CAPACITOR, European symbol
C33	0.47u	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C34	33nf	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C35	33nf	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C36	0.47u	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C37	0.47u	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C38	33nf	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C39	33nf	C-EU050-035X075	C050-035X075	CAPACITOR, European symbol
C40	1u	CAP_POLPTH2	CPOL-RADIAL-10UF-25V	Capacitor Polarized
C41	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C42	1u	CAP_POLPTH2	CPOL-RADIAL-10UF-25V	Capacitor Polarized
C43	1u	CAP_POLPTH2	CPOL-RADIAL-10UF-25V	Capacitor Polarized
C44	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C45	1u	CAP_POLPTH2	CPOL-RADIAL-10UF-25V	Capacitor Polarized
C46	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C47	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C48	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
C49	100u	CPOL-USE3.5-8	E3,5-8	POLARIZED CAPACITOR, American symbol
CN2		HDR-1X2-70543-?	70543-02	HEADER CONNECTOR
CN3		HDR-1X2-70543-?	70543-02	HEADER CONNECTOR
CN4		HDR-1X2-70543-?	70543-02	HEADER CONNECTOR
CN5		HDR-1X2-70543-?	70543-02	HEADER CONNECTOR

CN6	HDR-1X3-70543-?	70543-03	HEADER CONNECTOR
D1	DIODEPTH	DIODE-1N4001	Diode
D2	DIODEPTH	DIODE-1N4001	Diode
D3	1N5400 1N5400	DO201-15	DIODE
D4	1N5400 1N5400	DO201-15	DIODE
D5	DIODEPTH	DIODE-1N4001	Diode
D6	DIODEPTH	DIODE-1N4001	Diode
D7	DIODEPTH	DIODE-1N4001	Diode
D8	DIODEPTH	DIODE-1N4001	Diode
D9	DIODEPTH	DIODE-1N4001	Diode
D10	DIODEPTH	DIODE-1N4001	Diode
D11	1N5400 1N5400	DO201-15	DIODE
D12	1N5400 1N5400	DO201-15	DIODE
D13	1N4148 1N4148	DO35-10	DIODE
IC1	TDA2030V TDA2030V	CB360	Power OP AMP
IC2	TDA2030V TDA2030V	CB360	Power OP AMP
IC3	TDA2030V TDA2030V	CB360	Power OP AMP
IC4	TDA2030V TDA2030V	CB360	Power OP AMP
IC5	7812TV 7812TV	TO220V	Positive VOLTAGE REGULATOR
IC6	7912T	TO220H	Negative VOLTAGE REGULATOR
IC7	TL072P TL072P	DIL08	OP AMP
IC8	TL084P TL084P	DIL14	OP AMP
IC9	7812TV 7812TV	TO220V	Positive VOLTAGE REGULATOR
JP1	M03-SCREW-5MM	SCREWTERMINAL-5MM-3	Header 3
JP2	M025MM	SCREWTERMINAL-5MM-2	Header 2
JP3	HEADER-1X2	1X02_OVAL	PIN HEADER
JP4	M025MM	SCREWTERMINAL-5MM-2	Header 2
JP5	M025MM	SCREWTERMINAL-5MM-2	Header 2
JP6	M025MM	SCREWTERMINAL-5MM-2	Header 2
JP7	M03-SCREW-5MM	SCREWTERMINAL-5MM-3	Header 3
JP8	HEADER-1X2	1X02_OVAL	PIN HEADER
JP9	HEADER-1X2	1X02_OVAL	PIN HEADER
JP10	M02PTH	1X02	Header 2
JP11	HEADER-1X2	1X02_OVAL	PIN HEADER
JP12	M02PTH	1X02	Header 2
L1	FERRITE-0805	FB805	Ferrite bead in various packages
L2	FERRITE-0805	FB805	Ferrite bead in various packages
L3	FERRITE-0805	FB805	Ferrite bead in various packages
Q3	2N3906-PNP-TO92-EBC	TO92-EBC	PNP Transistor
R1	680 R-US_0204/7	0204/7	RESISTOR, American symbol

R2	22k	R-US_0204/7	0204/7	RESISTOR, American symbol
R3	22k	R-US_0204/7	0204/7	RESISTOR, American symbol
R4	1E	R-US_0207/10	0207/10	RESISTOR, American symbol
R5	10k	R-US_0204/7	0204/7	RESISTOR, American symbol
R6	6.8k	R-US_0204/7	0204/7	RESISTOR, American symbol
R7	22k	R-US_0204/7	0204/7	RESISTOR, American symbol
R8	10	R-US_0204/7	0204/7	RESISTOR, American symbol
R9	10k	R-US_0204/7	0204/7	RESISTOR, American symbol
R10	6.8K	R-US_0204/7	0204/7	RESISTOR, American symbol
R11	680	R-US_0204/7	0204/7	RESISTOR, American symbol
R12	22k	R-US_0204/7	0204/7	RESISTOR, American symbol
R13	22k	R-US_0204/7	0204/7	RESISTOR, American symbol
R14	1E	R-EU_0207/10	0207/10	RESISTOR, European symbol
R15	680	R-US_0204/7	0204/7	RESISTOR, American symbol
R16	22k	R-US_0204/7	0204/7	RESISTOR, American symbol
R17	22k	R-US_0204/7	0204/7	RESISTOR, American symbol
R18	1E	R-US_0204/7	0204/7	RESISTOR, American symbol
R19	680	R-US_0204/7	0204/7	RESISTOR, American symbol
R20	22k	R-US_0204/7	0204/7	RESISTOR, American symbol
R21	22k	R-US_0204/7	0204/7	RESISTOR, American symbol
R22	1E	R-US_0207/10	0207/10	RESISTOR, American symbol
R23	22k	R-US_0204/7	0204/7	RESISTOR, American symbol
R24	10k	R-US_0204/7	0204/7	RESISTOR, American symbol
R25	6.8K	R-US_0204/7	0204/7	RESISTOR, American symbol
R26	22k	R-US_0204/7	0204/7	RESISTOR, American symbol

R27 10	R-US_0204/7	0204/7	RESISTOR, American symbol
R28	POTENTIOMETER-DUALHORIZONTAL	POT-DUAL-SIDE-ALPHA	Potentiometer, dual
R29 10k	R-US_0204/7	0204/7	RESISTOR, American symbol
R30	TRIM_EU-CA6V	CA6V	POTENTIOMETER
R31 1E	R-US_0207/10	0207/10	RESISTOR, American symbol
R32	TRIM_EU-CA6V	CA6V	POTENTIOMETER
R33	TRIM_EU-CA6V	CA6V	POTENTIOMETER
R34	TRIM_EU-CA6V	CA6V	POTENTIOMETER
R35 10k	R-US_0204/7	0204/7	RESISTOR, American symbol
R36 10k	R-US_0204/7	0204/7	RESISTOR, American symbol
R37 10k	R-US_0204/7	0204/7	RESISTOR, American symbol
R38 6.8k	R-US_0204/7	0204/7	RESISTOR, American symbol
R39 22k	R-US_0204/7	0204/7	RESISTOR, American symbol
R40 1k	R-US_0204/7	0204/7	RESISTOR, American symbol
R41 2.2k	R-US_0204/7	0204/7	RESISTOR, American symbol
R42 2.2k	R-US_0204/7	0204/7	RESISTOR, American symbol
R43 10k	R-US_0204/7	0204/7	RESISTOR, American symbol
R44 10k	R-US_0204/7	0204/7	RESISTOR, American symbol
T1	2N3904-NPN-TO92-EBC	TO92-EBC	NPN Transistor