

Designed by: JTA Design		Ver: 01	Code:	Parts list: TDA7294 8 channel amplifier	Original by: JTA 22.12.2013 Updated by:
ITEM	REFERENCE	QTY	CODE	DESCRIPTION	MANUFACTURER / SUPPLIER
1	C1 C9 C15 C21 C35 C43 C49 C55	8	ELFA: 67-235-14 FARNELL: 8822948	TH EL. CAP 22µ 50V 8X5 105°C R2	NICHICON: UHD1H220MDD SUNCON: 50ME22WX
2	C2 C10 C16 C22 C36 C44 C50 C56	8	FARNELL: 9696660	TH BIPOLAR EL. CAP 100µ 50V 10X20 85C R5	PANASONIC: ECEA1HN101U
3	C3-5 C11 C17 C23 C27-32 C37-39 C45 C51 C57 C61-66	24	FARNELL: 499389	CER CAPACITOR 100n 10% 50V X7R 1206	AVX: 12065C104KAT00J
4	C6 C12 C18 C24 C40 C46 C52 C58	8	ELFA: 65-506-28	TH POLYESTER CAPACITOR 1µ 10% 63V R5	
5	C7-8 C13-14 C19-20 C25-26 C41-42 C47-48 C53-54 C59-60	16	ELFA: 65-752-29 FARNELL: 1462433	CER CAPACITOR 100p 5% 50V NP0/C0G 0603	
6	C33-34	2	ELFA: 67-229-95 FARNELL: 9692347	TH EL. CAP 2200µ 35V 105C LOW ESR R7.5 D16	SANYO: 35MV2200AX
7	L1-8	8	ELFA: 58-605-31 FARNELL: 1515679	CHOKE 600R @ 100 MHz 0.5 A 0603	
8	N1-8	8	FARNELL: 1366583	TDA7294 AUDIO POWER AMPLIFIER TO220-15PIN	ST: LM7294V
9	R1 R4-5 R8-9 R12-13 R16-17 R20-21 R24-25 R28-29 R32	16	ELFA: 60-451-08 FARNELL: 9238646	RESISTOR 22k 1% 100PPM 50V 63mW 0603	
10	R2 R6 R10 R14 R18 R22 R26 R30	8	ELFA: 60-447-47 FARNELL: 9238468	RESISTOR 680R 1% 100PPM 50V 63mW 0603	
11	R3 R7 R11 R15 R19 R23 R27 R31	8	FARNELL: 9236562 ELFA: 60-188-40	RESISTOR 2R2 1% 100PPM 200V 250mW 1206	
12	R33-34	2	ELFA: 60-450-25 FARNELL: 9238603	RESISTOR 10k 1% 100PPM 50V 63mW 0603	
13	V1-2	2	FARNELL: 2101232	12CWQ10 DUAL SCHOTTKY DIODE 2x6A 100V DPAK	VISHAY: 12CWQ10FNPBF CENTRALSEMI: CSHD6-100C
14	X1 X3 X5 X7 X10 X12 X14 X16	8		CONNECTOR PHOENIX 2 PIN MKDSN 1,5/2-5,08	PHOENIX: 1729018
15	X2 X4 X6 X8 X11 X13 X15 X17	8	ELFA: 48-354-01 FARNELL: 3041359	CONNECTOR PHOENIX 2 PIN MPT 0,5/2-2,54	PHOENIX: 1725656 WÜRTH: 691 210 910 002
16	X9	1	FARNELL: 1792767 ELFA: 48-450-61 DIGI-KEY: 1888690-ND MOUSER: 651-1888690	CONNECTOR PHOENIX 3 PIN MKDSN 2,5/3-5,08	PHOENIX: 1888690
17	X18	1		CONNECTOR PHOENIX 4 PIN MPT 0,5/4-2,54	PHOENIX: MPT 0,5/4-2,54 WÜRTH: 691 210 910 004
18					