

**Bill Of Materials For 1T4 Amp Output**

**Design Title** : 1T4 Amp Output  
**Author** : Robert Nance Dee  
**Revision** : 2  
**Design Created** : Monday, January 09, 2012  
**Design Last Modified** : Wednesday, March 07, 2012  
**Total Parts In Design** : 55

**27 Resistors**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
9	R1, R4, R7-R9, R11-R14	100k	D100K
4	R2, R3, R5, R6	39	D100K
1	R10	120k	D100K
2	R15, R17	100	
2	R16, R18	100k	
1	R19	10k	
4	R20-R23	390	
2	R24, R25	180k	
2	R26, R27	2.2k	

**10 Capacitors**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
2	C1, C2	22uF/16v	Maplin VH22Y
2	C3, C4	1000uF-25v	Maplin UQ31J
2	C5, C6	.1uF	Maplin WX56L
1	C7	.47uF	Maplin WX56L
1	C8	.47Uf	Maplin SC85G
2	C9, C10	100p	Maplin WX56L

**8 Integrated Circuits**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	U1	78L12	
2	U2, U4	HA-5002	
1	U3	TS3702	
2	U5, U6	THS4631	
1	U7	79L15	
1	U8	78L15	

**5 Diodes**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
5	D1-D5	1N914	

**5 Miscellaneous**

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	J1	IN-L	
1	J2	1751251	
1	J3	IN-R	
1	J4	□-18VDC	
1	RL1	FX2 D3226	

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