

No.	Description	References	Value	QTY
1	Unpolarized capacitor	C18	220nf 100v	1
2	Unpolarized capacitor	C4 C6 C7 C14 C16 C17 C20	100nf 100v	7
3	Unpolarized capacitor	C10	4.7nf 100v	1
4	Unpolarized capacitor	C21	47nf 100v	1
5	Polarized capacitor	C8 C9	1000uf 35v	2
6	Polarized capacitor	C3 C13	220uf 50v	2
7	Polarized capacitor	C22	220uf 25v	1
8	Polarized capacitor	C5 C15	22uf 63v	2
9	Polarized capacitor	C19	10uf 63v	1
10	Polarized capacitor	C1 C2 C11 C12 C23	1uf 63v	5
11	5.1v Zener diode 500mW	D1 D2	5.1v Zener	2
12	Connector 24v	J1	24v	1
13	Connector GND	J2 J8 J9	GND	3
14	Connector Signal input	J3	L G R in	1
15	Connector Speaker Out	J4	SPK L	1
16	Connector Speaker Out	J5	SPK R	1
17	Connector Subwoofer Out	J6 J7	SUB	2
18	Resistor 0Ω / Wire Jumper	JP1 JP2	Jumper	1
19	Resistor 1/4 watt	R19 R20 R21 R22 R23 R24 R25	10K	7
20	Resistor 1/2 watt	R7 R8 R17 R18	10R	4
21	Resistor 1/4 watt	R5 R6 R15 R16	15K	4
22	Resistor 1/4 watt	R1 R2 R9 R10 R11 R12 R26	1K	7
23	Resistor 1/4 watt	R3 R4 R13 R14	33K	4
24	Preset	RV1	47K	1
25	L7815 / L7812	U3	L7815	1
26	NE5532 / JRC4558 / TL072	U4	NE5532	1
27	TDA7265 / TDA7292 /	U1 U2	TDA7265B	2

Instructions

Always use good quality 25 - 35 watt soldering iron. High heat / high wattage soldering iron will harm PCB as well as components.

Make sure Correct polarity of all Polar Capacitors and Semiconductors.

Securely mount Power IC with insulator on suitable Heat sink.

Before powering on for the first time check for any short circuits between power supplies, ground and output.

Apply power without any output load (Speakers) and input signal.

There should be no Bang or Smoke and nothing is getting too hot or burning.

Now connect the load (Speakers) and power on, there should be no Noise or Hum without input signal, if there any Noise/ Hum, power down and recheck.

Now apply the Input signal and enjoy

For more information please visit - vaspelectronics.com