

Audio Amplifier Board Specification Sheet

Model No. VT91 (Part No.: CPCB-VT91A0-)

Main Feature:

- ⊙ Class D Audio stereo amplifier, including, mute and power standby control
- ⊙ High efficiency Class-D operation , low heat dissipation
- ⊙ Max. output power 10W (8Ω) $\times$ 2 @ THD=10%
- ⊙ High power CMOS technology
- ⊙ Analog stereo input

Input Connector :

- ⊙ Con1 for DC12V power input.
- ⊙ Con2 for Stereo audio signal input , mute control and power standby control.

Output Connector

- ⊙ CON3, CON4 Support 1 set L/R 10W+10W speakers

Electrical Specification

A. Power Supply

- ⊙ Input : DC12V.

B. Environment

- ⊙ Operational Temperature : 0°C ~ 50°C
- ⊙ Storage Temperature : -20°C ~ 70°C
- ⊙ Operation Humidity : 20% ~ 80%
- ⊙ Storage Humidity : 10% ~ 90% (non condensing)

C. Load

- ⊙ Output : 10W+10W load 8Ω THD+N 10%

Pin Definition of Connector:

CON1: Power Connector (2.0 mm 4Pin)

Pin	Description	Note
1	12V	
2	GND	
3	GND	
4	12V	

CON2: Input Connector (2.0 mm 5Pin)

Pin	Description	Note
1	L_10W	
2	R_10W	
3	Mute_AMP	
4	STB_AMP	
5	GND	

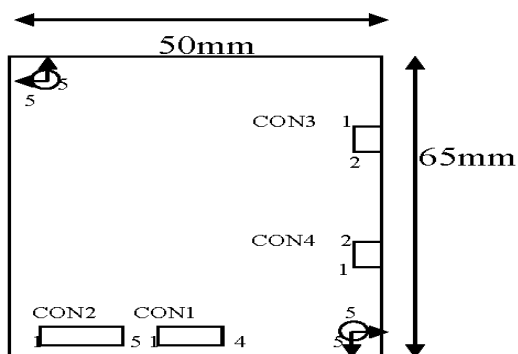
CON3: Speaker Out Left Channel Connector (2.0 mm 2Pin)

Pin	Description	Note
1	SP_L+	Speaker out left +
2	SP_L-	Speaker out left -

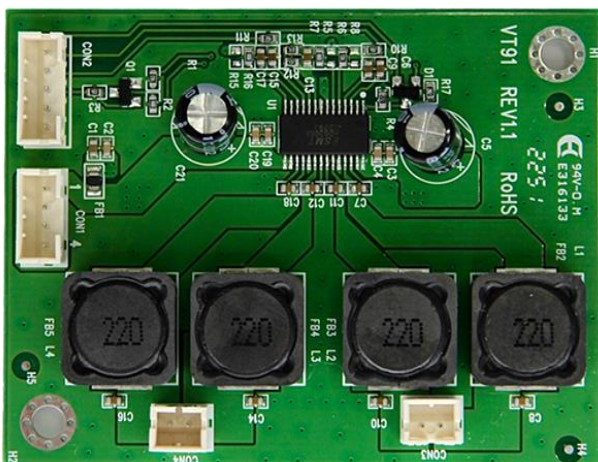
CON4: Speaker Out Right Channel Connector (2.0 mm 2Pin)

Pin	Description	Note
1	SP_R+	Speaker out right +
2	SP_R-	Speaker out right -

Board Dimension :50mm*65mm



Board Photo :



※Specifications and product design are subject to change without notice.