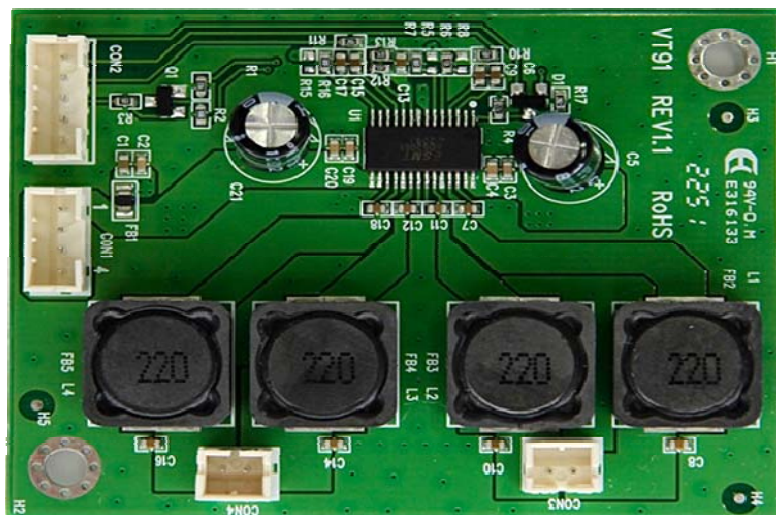


VT91



Audio board option

Mode	Teleview part no.	Description
1	CPCB-VT91A0--	

Features

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

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 : $0^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- ☐ Storage Temperature : $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$
- ☐ Operation Humidity : 20% ~ 80%
- ☐ Storage Humidity : 10% ~ 90% (non condensing)

C. Load

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

Connector, Pin Assignment & Jumpers

□ Pin define for connectors

CON1. Power (12V) connector (4P 2mm)

Pin	Symbol	Description
1	12V	+12Vdc
2	GND	Ground
3	GND	Ground
4	12V	+12Vdc

CON2. input connector (5P 2mm)

Pin	Symbol	Description
1	L_10W	Line in Left
2	R_10W	Line in Right
3	Mute_AMP	Control AMP Mute
4	STB_AMP	Control AMP Power
5	GND	Ground

CON3. SPEAKER OUT RIGHT CHANNEL connector (2P 2mm)

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

CON4. SPEAKER OUT LEFT CHANNEL connector (2P 2mm)

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

Teleview

Board Dimension :50mm x 65 mm

Screw holes*4:3.5mm

