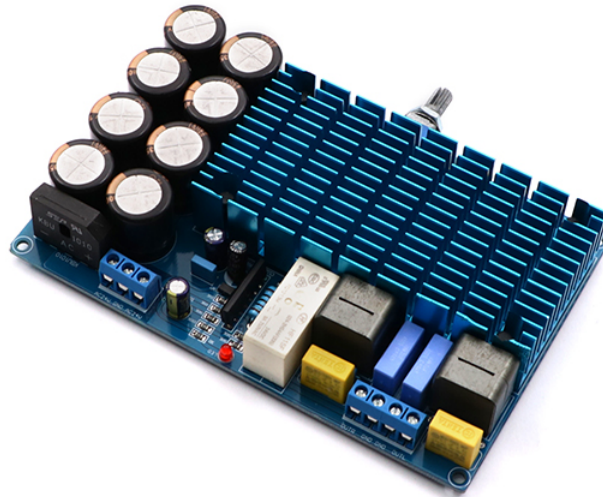


210W+210W Dual Channel HiFi Digital Amplifier Board

Model: TDA8954



Description:

The TDA8954TH is the latest high-efficiency Class D high-power digital audio amplifier. The IC is available in an HSOP24 power package with low power consumption and quiescent current. Since the internal is MOS tube output, it has a good performance in terms of sound quality. The bass is deep and powerful, and its elasticity is good.

Features:

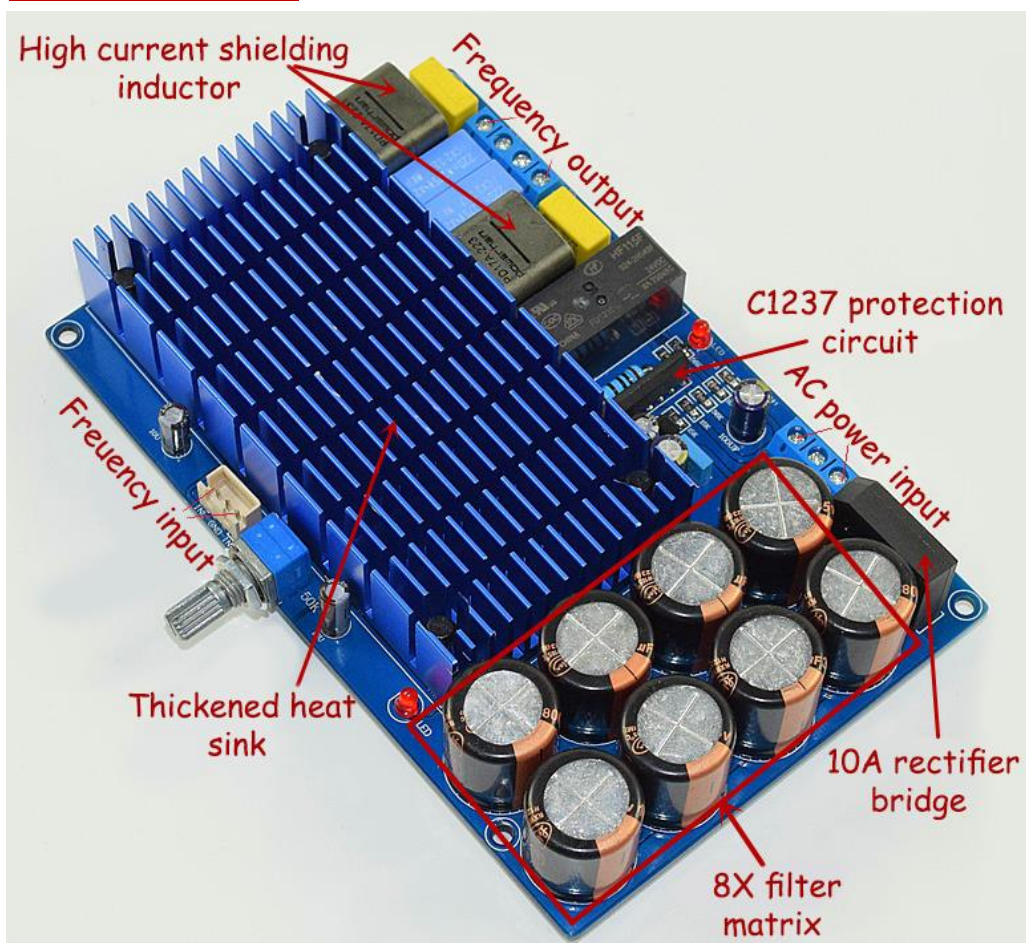
- Using original TDA8954TH.
- Main filter electrolytic capacitor with capacity 8 * 1800UF / 35V.
- Adopting 10A and above rectifying flat bridges to ensure strong and continuous power support.
- Resistance uses a five-ring metal resistor, and the main circuit uses a five-ring metal film resistor with an accuracy of $\pm 1\%$ to ensure a good signal-to-noise ratio of the whole machine.
- PCB uses 1.6mm thick double-sided sheet, 2.0oz copper thickness, spray tin full process, to ensure good current performance. First-class PCB quality.
- Output uses a red ring high current inductor to ensure that the sound is crisp and powerful.
- When using BTL Bridge, it can output 420W under 8 Ohm load.

Specifications:

- Output power: 420W (2*210W)
- Output type: 1 Channel Mono or 2 Channel Stereo
- Available gain adjustment: 36db
- Common mode rejection ratio (minimum value): 75db
- THD + noise: 0.03%
- Working voltage: AC18V to AC28V
- Recommended power supply voltage: AC24V-0-AC24V
- Supply current: 50mA, -65mA
- Operating temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$

- Installation style: Through Hole
- Package / Case: DBS23P
- Package: Tube
- Audio load resistance: 8 ohms
- Dual supply voltage: +/-41V
- Input signal type: Differential
- Working method: Class D
- Work efficiency: 90%
- Frequency response: 20Hz to 20KHz
- PCB size: 142*91*28mm

Board Structure:



Made in China