

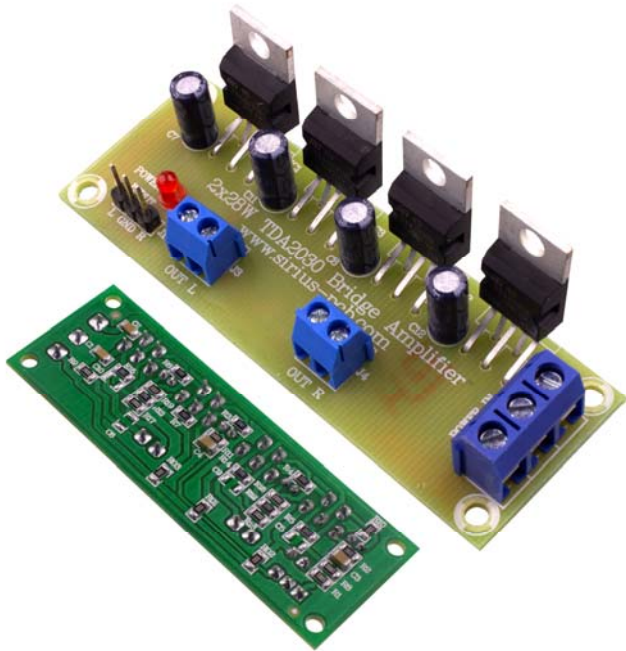


# SIRIUS-PCB Ltd

www.sirius-pcb.com e-mail: office@sirius-pcb.com

## 2x28W TDA2030 Bridge Amplifier

№100854



TDA2030. Specifications of the device are: protection of grid noise, high quality sound without a need of preamplifier and easy for application.

This aplifier is siutable for building of home audio systems, active speakers with integrated amplifier ect.

### Specifications of 2x28W TDA2030 Bridge Amplifier

- Resistor to load: **8Ω**
- Primary base power:
  - 2x28W (THD = 0.5% by ±14V max)
  - 2x24W (THD = 0.5% by ±12V)
- Coefficient of amplification: 22 (26.8 dB)
- Power voltage: **bipolar ±14V max**
- LED indication for stock of power supply voltage
- Size: 75mm x 26mm

### Attention!!!

For a regular exploitation of the amplifier it is necessary to be installed a suitable radiator by the integral schemes using insulating sleeves and insulating pads for TO220!!!

The device consists in two-channel bridge audio amplifier constructed on the base of integral scheme

### Description

- stereo audio amplifier **2x28W** with load of **8Ω**
- header **J1 (INPUT)** – an audio port to the amplifier
- terminal **J2 (POWER IN)** – a port for bipolar power supply
- terminal **J3 (OUT L)** – left port to a speaker
- terminal **J4 (OUT R)** – right port to a speaker

### Indication

- LED **D1 (POWER)** – stock of power supply voltage

### Note:

- For the regular exploitation of the amplifier it is necessary the power supply voltage to be **bipolar**.
- The load must NOT be less than of **8Ω**.

### Example Scheme of Device's Connecting

