

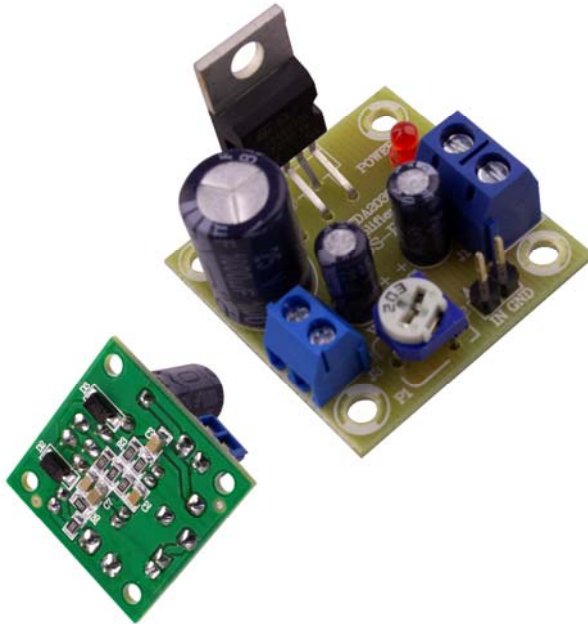


SIRIUS-PCB Ltd

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

18W TDA2030 Amplifier

№100855



The device is audio amplifier constructed on the base of integral scheme TDA2030. Specifications of the device are: protection from 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, portable speakers ect.

Specifications of 18W TDA2030 Amplifier

- Resistor to load: 4Ω or 8Ω
- Primary base power:
 - 1x18W (THD = 10% by 28V) $R_T=4\Omega$
 - 1x14W (THD = 0.5% by 28V) $R_T=4\Omega$
- Coefficient of amplification: 27.7 (28.8 dB)
- Power voltage: **monopolar** 10V÷28V DC
- LED indication for stock of power supply voltage
- Size: 30mm x 30mm

Attention!!!

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

Description

- mono audio amplifier **18W** with load 4Ω or 8Ω
- terminal **J1 (+PWR)** – monopolar power supply to the amplifier
- header **J2 (Audio)** – audio port of the amplifier
- terminal **J3 (OUT)** – port to a speaker
- trimer **P1 (VOLUME)** – trimer for regulation of the amplification

Indication

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

Note:

The load must **NOT** be less than 4Ω .

Example Scheme of Device's Connecting

