

PAL013A Datasheet

Function : 4 x 45 W Quad bridge car radio amplifier

Package : Flexiwatt25 Type

Manufactures : Pioneer, ST

Image

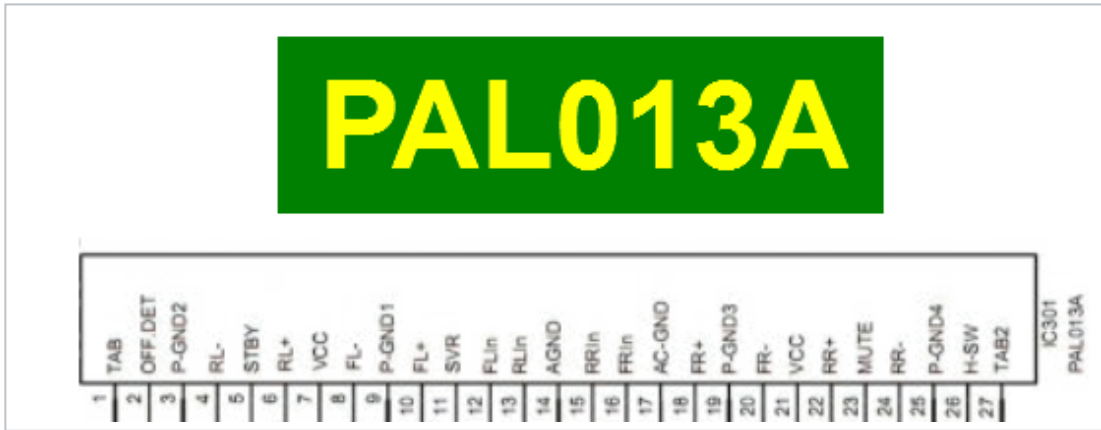


Description

The PAL013A is an AB class audio power amplifier, packaged in Flexiwatt 25 and designed for high end car radio applications. Based on a fully complementary PNP/NPN configuration, the PAL013A allows a rail to rail output voltage swing with no need of bootstrap capacitors. The extremely reduced boundary components count allows very compact sets.

Pioneer Audio output, compatible with PAL011A / PAL012A without presenting the famous "Error of Amplifier" in the car stereo or getting solved without taking into account pin 1 and 27 to the board, 12V power supply.

Pinout



Features

1. Low distortion
2. Low output noise
3. Standby function
4. Mute function
5. Automute at min. supply voltage detection

Protections

1. Very inductive loads
2. Overrating chip temperature with soft thermal limiter
3. Load dump voltage
4. Fortuitous open GND
5. Reversed battery
6. ESD

Reference Site : <https://sites.google.com/site/krelectronicskilinochchi/sound-ic-image>

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