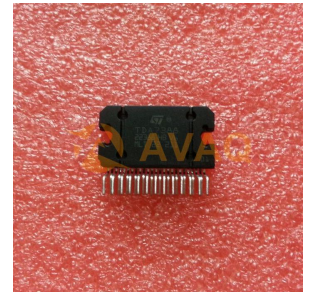


Audio Amp Speaker 4-CH Stereo 27W Class-AB Automotive 27-Pin(27+Tab) FLEXIWATT(Vertical) Tube



Images are for reference only

Manufacturer:	STMicroelectronics, Inc
Package/Case:	ZIP-27
Product Type:	Amplifier ICs
Lifecycle:	Active

[Inquiry](#)

General Description

The TDA7388A is a new technology class AB audio power amplifier in Flexiwatt27 package designed for high end car radio applications. Thanks to the fully complementary PNP/NPN output configuration the TDA7388A allows a rail to rail output voltage swing with no need of bootstrap capacitors. The extremely reduced components count allows very compact sets. The TDA7388A is also equipped with Clipping detector and Offset detector features.

Key Features

High output power capability:

4 x 42 W / 4 Ω max.

4 x 27 W / 4 Ω @ 14.4 V, 1 kHz, 10 %

4 x 42 W / 4 Ω max.

4 x 27 W / 4 Ω @ 14.4 V, 1 kHz, 10 %

Low distortion

Low output noise

Standby function

Mute function

Automute at min. supply voltage detection

Low external component count:

Internally fixed gain (26 dB)

No external compensation

No bootstrap capacitors

Internally fixed gain (26 dB)

No external compensation

No bootstrap capacitors

Clipping detector

Offset detector

Diagnostic facility for:

Out to GND short

Out to VSshort

Thermal shutdown

Out to GND short

Out to VSshort

Thermal shutdown

Protections:

Output short circuit to GND, to VS, across the load

Very inductive loads

OVERRATING chip temperature with soft thermal limiter

Load dump voltage

Fortuitous open GND

Output DC offset detector

Reversed battery

ESD

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Recommended For You

TDA7387EP

STMicroelectronics, Inc
ZIP25

TDA7562

STMicroelectronics, Inc
ZIP27

TDA7296

STMicroelectronics, Inc
ZIP-15

TDA7419

STMicroelectronics, Inc
SOP28

TDA7561

STMicroelectronics, Inc
ZIP

TDA7575B

STMicroelectronics, Inc
ZIP27

TDA7376B

STMicroelectronics, Inc
ZIP-15

TDA7851L

STMicroelectronics, Inc
ZIP-25

TDA7417

STMicroelectronics, Inc
QFP

TDA2005R

STMicroelectronics, Inc
ZIP

TDA7801

STMicroelectronics, Inc
ZIP27

TDA7850A

STMicroelectronics, Inc
ZIP27

TDA7563ASM

STMicroelectronics, Inc
ZIP-27

TDA75610LV

STMicroelectronics, Inc
ZIP27

TDA7562B

STMicroelectronics, Inc
ZIP27