

Audio Amp Speaker 1-CH Mono 45W Class-AB Automotive 11-Pin(11+Tab) MULTIWATT V Tube



Images are for reference only

Manufacturer: [STMicroelectronics, Inc](#)

Package/Case: Multiwatt-11

Product Type: Amplifier ICs

Lifecycle: Active

[Inquiry](#)

General Description

The TDA7396 is a BRIDGE class AB audio power amplifier especially intended for car radio High Power applications.

The 2power capability together with the possibility to operate either in DIFFERENTIAL INPUT MODE or SINGLE ENDED INPUT MODE makes it suitable for boosters and high end car radio applications. The exclusive fully complementary output stage and the internally fixed gain configuration drop the external component count. The on board clipping detector allows easy implementation of gain compression systems. The diagnostics facility allows to detect any mistakes during car radio set assembly and wiring in the car.

Key Features

SYNCHRONIZINGPINFORSIMULT ANEOUSTURN-ONINMULTI-DEVICEAPPLICATIONS

AUTOMUTEATMINIMUMSUPPLYVOLTAGEDETECTION

HIGHPOWERCAPABILITY:\t\t65W/2MAX\t\t60W/2EIAJ\t\t45W/2@VS=14.4V,f=1KHz,d=10%\t\t

MINIMUMEXTERNALCOMPONENTCOUNT:\t\tNOBOOTSTRAPCAPACITORS\t\tNOBOUCHEROTCELLS\t\tINTERNALLYFIXEDGAIN(26dB)\t\tNOSVRCAPACITOR\t\t

DIFFERENTIALINPUTS(EITHERSINGLEENDEDDORDIFFERENTIALINPUTSIGNALSAREACCEPTED)

AUTOMATICMUTEDURINGTURN-ON/OFF

NOAUDIBLEPOPduringMUTEandSTBYOPERATIONS

ST-BYFUNCTION(CMOSCOMPATIBLE)

Recommended For You

E-TDA7560

STMicroelectronics, Inc

ZIP

E-TDA7342NIR

STMicroelectronics, Inc

LQFP-32P

E-TDA7400DIR

STMicroelectronics, Inc

N

E-TDA7416

STMicroelectronics, Inc

QFP-44

E-TDA7476013TR

STMicroelectronics, Inc

SOP24L

E-TDA7384A

STMicroelectronics, Inc

SIP25

E-TDA7590TR

STMicroelectronics, Inc
144-TQFP

E-TDA7391PDIR

STMicroelectronics, Inc
HSOP20

E-TDA7476

STMicroelectronics, Inc
SOP24L

E-TDA7402

STMicroelectronics, Inc
QFP

E-TDA7409D

STMicroelectronics, Inc
20-SOP

E-TDA7409DIR

STMicroelectronics, Inc
20-SOP

E-TDA7379

STMicroelectronics, Inc
Multiwatt-15(Vertica

E-TDA7385

STMicroelectronics, Inc
ZIP25

E-TDA7566

STMicroelectronics, Inc
SMD