
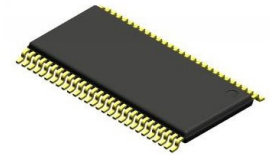


**Audio Amp Speaker 2-CH Stereo/4-CH Stereo 85W Class-D  
Automotive 56-Pin HSSOP EP T/R**

|                      |  |
|----------------------|--|
| <b>Manufacturer:</b> | <a href="#">Texas Instruments, Inc</a>   |
| <b>Package/Case:</b> | HSSOP-56   |
| <b>Product Type:</b> | Amplifier ICs  |
| <b>RoHS:</b>         | RoHS Compliant/Lead free  |
| <b>Lifecycle:</b>    | Active   |



Images are for reference only

[Inquiry](#)

## General Description

TPA6404QDKQRQ1 is a quad-channel Class-D audio amplifier integrated circuit (IC) produced by Texas Instruments. This IC is designed for use in automotive audio systems and is specifically tailored to operate in the harsh automotive environment.

### Key Features

Four independent channels, each capable of delivering up to 20W of power at 10% total harmonic distortion (THD) into a 4Ω load.

High efficiency with a low quiescent current of 11mA per channel.

Wide input voltage range of 4.5V to 26V, allowing it to be used in a variety of automotive audio applications.

Robust protection features, such as overtemperature and overvoltage protection.

### Application

TPA6404YZKR: This IC has similar specifications to the TPA6404QDKQRQ1 but is packaged in a different form factor.

TPA6405QDRVRQ1: This IC is similar to the TPA6404QDKQRQ1 but offers slightly higher power output (25W per channel) and includes an I2C interface for control and monitoring.

TPA6420QDRBRQ1: This IC is also a quad-channel Class-D audio amplifier but is designed for higher power output (50W per channel).

## Recommended For You

### TPA3125D2N

Texas Instruments, Inc  
DIP20

### TPA6111A2DR

Texas Instruments, Inc  
SOP8

### TPA2012D2RTJR

Texas Instruments, Inc  
QFN20

### TPA6132A2RTER

Texas Instruments, Inc  
QFN

### TPA2013D1RGPR

Texas Instruments, Inc  
QFN20

### TPA2010D1YZFR

Texas Instruments, Inc  
DSBGA9

**TPA3118D2QDAPRQ1**

Texas Instruments, Inc  
HTSSOP-32

**TPA6211A1TDGNRQ1**

Texas Instruments, Inc  
MSOP8

**TAS5414CTPHDRQ1**

Texas Instruments, Inc  
HTQFP-64

**PCMI681TPWPRQ1**

Texas Instruments, Inc  
HTSSOP28

**TPA3131D2RHBR**

Texas Instruments, Inc  
VQFN32

**TPA3100D2PHP**

Texas Instruments, Inc  
QFP

**TPA3244DDWR**

Texas Instruments, Inc  
HTSSOP-44

**TPA6017A2PWP**

Texas Instruments, Inc  
HTSSOP20

**TPA4861D**

Texas Instruments, Inc  
SOP8