

Tuners Radio 1.55GMHz Automotive 64-Pin LQFP Tray

Images are for reference only

[Inquiry](#)**Manufacturer:** [STMicroelectronics, Inc](#)**Package/Case:** QFP**Product Type:** RF Integrated Circuits**RoHS:** RoHS Compliant/Lead free **Lifecycle:** Active**General Description**

The TDA7705 highly integrated tuner (HIT) is a new generation of high performance tuners for carradio applications. It contains mixers and IF amplifiers for AM and FM, fully integrated VCO and PLL synthesizer, IF-processing including adaptive bandwidth control, stereo decoder and RDS decoder on a single chip. The utilization of digital signal processing results in numerous advantages against today's tuners: very low number of external components, very small space occupation and easy application, very high selectivity due to digital filters, high flexibility by software control and automatic alignment.

Key Features

I2C/SPI bus controlled

High performance stereodecoder with noiseblanker

LQFP64 package

Single 5 V supply

Integrated IF-filters with high selectivity, high dynamic range and adaptive bandwidth control

Digital IF signal processing, high performance and drift-free

Fully integrated VCO for world tuning

AM/FM mixers with high image rejection

High performance PLL for fast RDS system

Automatic self alignment for preselection and image rejection

RDS demodulation with group and block synchronization

Integrated AM-LNA and AM-PINDIODE

Recommended For You

TDA7706

STMicroelectronics, Inc

LQFP64

TDA7540N

STMicroelectronics, Inc

QFP

TDA7786C

STMicroelectronics, Inc

LQFP64

TDA7786

STMicroelectronics, Inc

LQFP64

TDA7541

STMicroelectronics, Inc

QFP64

TDA7707

STMicroelectronics, Inc

QFN

TDA7529

STMicroelectronics, Inc

QFP

E-TDA7479D

STMicroelectronics, Inc

SOP16

TDA7708S

STMicroelectronics, Inc

QFN52

TDA7708CB

STMicroelectronics, Inc

QFN64

TDA7708CBTR

STMicroelectronics, Inc

QFP64

TDA7786TR

STMicroelectronics, Inc

LQFP-64

TDA7786MIR

STMicroelectronics, Inc

LQFP-64

TDA7540NIR

STMicroelectronics, Inc

QFP80

TDA7705TR

STMicroelectronics, Inc

QFP64