
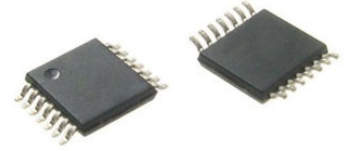


ADSL Driver Dual 210MHz 14-Pin HTSSOP EP Tube

Manufacturer:	Texas Instruments, Inc
Package/Case:	TSSOP14
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The THS6022 contains two high-speed drivers capable of providing 200-mA output current (minimum) into a 50- load. These drivers can be configured differentially to drive a 50-V p-p output signal over low-impedance lines. The drivers are current feedback amplifiers, designed for the high slew rates necessary to support low total harmonic distortion (THD) in xDSL applications. The THS6022 is ideally suited for asymmetrical digital subscriber line (ADSL) at the remote terminal, high-data-rate digital subscriber line (HDSL), and very high-data-rate digital subscriber line (VDSL), where it supports the high-peak voltage and current requirements of these applications. Separate power supply connections for each driver are provided to minimize crosstalk.

The THS6022 is packaged in the patented PowerPAD package. This package provides outstanding thermal characteristics in a small-footprint package that is fully compatible with automated surface-mount assembly procedures. The exposed thermal pad on the underside of the package is in direct contact with the die. By simply soldering the pad to the PWB copper and using other thermal outlets, the heat is conducted away from the junction.

Key Features

ADSL, HDSL and VDSL Differential Line Driver

200-mA Output Current Minimum Into 50-Load

High Speed

210-MHz Bandwidth (-3-dB) at 50- Load

1900-V/ μ s Slew Rate, $G = 5$

Low Distortion

Independent Power Supplies for Low Crosstalk

Wide Supply Range ± 5 V to ± 15 V

Thermal-Shutdown and Short-Circuit Protection

Evaluation Module Available

Recommended For You

THS3092D

Texas Instruments, Inc
SOP-8

THS7316DR

Texas Instruments, Inc
SOP-8

THS4131IDGNR

Texas Instruments, Inc
MSOP8

THS4011CD

Texas Instruments, Inc
SOP

THS7374IPW

Texas Instruments, Inc
TSSOP14

THS6184RHFR

Texas Instruments, Inc
QFN

THS4503IDGN

Texas Instruments, Inc
MSOP8

THS7376IPWR

Texas Instruments, Inc
TSSOP14

THS7314D

Texas Instruments, Inc
SOP8

THS4130IDGK

Texas Instruments, Inc
MSOP8

THS7353PW

Texas Instruments, Inc
TSSOP20

THS4551IRGIR

Texas Instruments, Inc
VQFN16

THS4281D

Texas Instruments, Inc
SOIC-8

THS4631D

Texas Instruments, Inc
SOP-8

THS3061DGN

Texas Instruments, Inc
MSOP8