



## Op Amp Single High Voltage Amplifier ±45V 8-Pin TO-99 Tube

Manufacturer: <u>Texas Instruments, Inc</u>

Package/Case: CAN

**Product Type:** Amplifier ICs

RoHS: RoHS Compliant/Lead free

**Lifecycle:** Active



Images are for reference only

Inquiry

## **General Description**

The OPA445 is a monolithic operational amplifier capable of operation from power supplies up to  $\pm 45$ V and output currents of 15mA. It is useful in a wide variety of applications requiring high output voltage or large common-mode voltage swings.

The OPA445's high slew rate provides wide powerbandwidth response, which is often required for high-voltage applications. FET input circuitry allows the use of high-impedance feedback networks, thus minimizing their output loading effects. Laser trimming of the input circuitry yields low input offset voltage and drift.

The OPA445 is available in standard pinout TO-99, DIP-8, and SO-8 surface-mount packages as well as an SO-8 PowerPAD package for reducing junction temperature. It is fully specified from -25°C to +85°C and operates from -55°C to +125°C. A SPICE macromodel is available for design analysis (from www.ti.com).

## **Key Features**

WIDE-POWER SUPPLY RANGE: ±10V to ±45V

HIGH SLEW RATE: 15V/µs

LOW INPUT BIAS CURRENT: 10pA

STANDARD-PINOUT TO-99, DIP, SO-8 PowerPAD?, AND SO-8 SURFACE-MOUNT PACKAGES

APPLICATIONS TEST EQUIPMENT

HIGH-VOLTAGE REGULATORS

POWER AMPLIFIERS

DATA ACQUISITION

SIGNAL CONDITIONING

**AUDIO** 

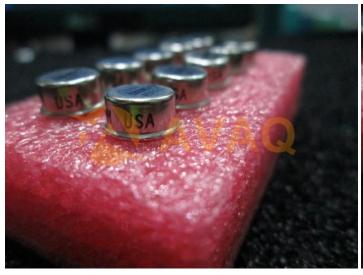
PIEZO DRIVERS

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## Recommended For You

**OPA1611AIDR** 

Texas Instruments, Inc

SOP8

OPA388QDBVRQ1

Texas Instruments, Inc

SOT23-5

OPA2365AQDRQ1

Texas Instruments, Inc

SOP8

**OPA334AIDBVR** 

Texas Instruments, Inc

SOT23-6

OPA2835IDGSR

Texas Instruments, Inc

MSOP10

OPA656U

Texas Instruments, Inc

SOP8

OPA360AIDCKR

Texas Instruments, Inc

SC70-6

LM111H/NOPB

Texas Instruments, Inc

CAN8

OPA353UA

Texas Instruments, Inc

SOP8

LM13700MX/NOPB

Texas Instruments, Inc

SOP16

OPA633KP

Texas Instruments, Inc

DIP8

**OPA453FAKTWT** 

Texas Instruments, Inc

TO263-7

**OPA4251UA** 

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SOP14

LMV321M5X/NOPB

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SOT23-5

OPA637AU

Texas Instruments, Inc

Email: sales@avaq.com

SOP-8