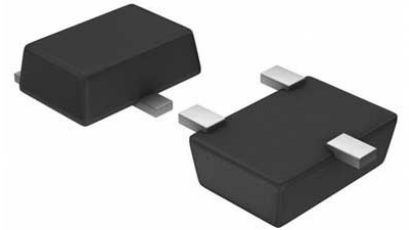


**Op Amp Single Buffer Amplifier $\pm 6.3V/12.6V$ 5-Pin SOT-23
T/R****Manufacturer:** [Texas Instruments, Inc](#)**Package/Case:** SOT23-5**Product Type:** Amplifier ICs**RoHS:** RoHS Compliant/Lead free **Lifecycle:** Active

Images are for reference only

[Inquiry](#)**General Description**

The BUF602 is a closed-loop buffer recommended for a wide range of applications. Its wide bandwidth (1000MHz) and high slew rate (8000V/ μ s) make it ideal for buffering very high-frequency signals. For AC-coupled applications, an optional mid-point reference (VREF) is provided, reducing the number of external components required and the necessary supply current to provide that reference.

The BUF602 is available in a standard SO-8 surface-mount package and in an SOT23-5 where a smaller footprint is needed.

Key Features

Wide Bandwidth: 1000MHz

High Slew Rate: 8000V/ μ s

Flexible Supply Range: ± 1.4 V to ± 6.3 V Dual Supplies +2.8V to +12.6V Single Supply

Output Current: 60mA (continuous)

Peak Output Current: 350mA

Low Quiescent Current: 5.8mA

Standard Buffer Pinout

Optional Mid-Supply Reference Buffer

APPLICATIONS

Low Impedance Reference Buffers

Clock Distribution Circuits

Video/Broadcast Equipment

Communications Equipment

High-Speed Data Acquisition

Test Equipment and Instrumentation

All other trademarks are the property of their respective owners.

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Recommended For You

BUF20800AIDCPR

Texas Instruments, Inc

HTSSOP-38

INA115BU

Texas Instruments, Inc

SOP16

INA114BU

Texas Instruments, Inc

SOP16

PGA205BU

Texas Instruments, Inc

SOP16

BUF08630RGWR

Texas Instruments, Inc

QFN

INA111BU

Texas Instruments, Inc

SOP16

BUF16821AIPWPR

Texas Instruments, Inc

HTSSOP28

BUF16821AIPWPRQ1

Texas Instruments, Inc

HTSSOP28

BUF01900AIDRCR

Texas Instruments, Inc

QFN10

BUF11702PWPRG4

Texas Instruments, Inc
TSSOP

BUF01901AIDRCR

Texas Instruments, Inc
QFN10

BUF20820AIDCPR

Texas Instruments, Inc
HTSSOP38

BUF07703PWPR

Texas Instruments, Inc
20-TSSOP(0.1734.40mm)

BUF06704AIPWPR

Texas Instruments, Inc
16-TSSOP(0.1734.40mm)

BUF07704AIPWPRG4

Texas Instruments, Inc
HTSSOP20