


## Comparator Single R-R I/P $\pm 2.5V/5V$ 5-Pin SC-70 T/R



Images are for reference only

[Inquiry](#)

|                      |  |
|----------------------|--|
| <b>Manufacturer:</b> | <a href="#">STMicroelectronics, Inc</a>  |
| <b>Package/Case:</b> | SC70-5   |
| <b>Product Type:</b> | Linear Displacement Sensors  |
| <b>RoHS:</b>         | RoHS Compliant/Lead free  |
| <b>Lifecycle:</b>    | Active   |

### General Description

The TS33 family of low power series voltage references is capable of providing stable and precise output voltages with an initial accuracy of 0.15% over an extended temperature range (-40 to +125 °C).

The ultra low operating current is a key advantage for power-restricted designs. In addition, the TS33 is very stable over the entire operating temperature range, making it suitable for high-precision applications.

Available in QFN8 surface mount packages, the TS33 can be designed in applications where space saving is a critical issue.

### Key Features

Fixed 1.25 V, 1.8 V, 2.048 V, 2.5 V, 3.0 V, 3.3 V, 4.096 V, 5.0 V output voltage

Ultra low operating current: 3.9  $\mu$ A (typ.) at 25 °C

High initial accuracy:  $\pm 0.15$  %

Stable when used with capacitive loads

Extended temperature range: -40 to +125 °C

30 ppm/°C maximum temperature coefficient

Available in QFN8 1.5x1.5 package

### Recommended For You

#### TS3021HLT

STMicroelectronics, Inc

SOT23-5

#### TS3911LT

STMicroelectronics, Inc

SOT23-5

#### TS912AIDT

STMicroelectronics, Inc

SOP-8

**TSZ121HLT**

STMicroelectronics, Inc

SOT23-5

**TS3702CDT**

STMicroelectronics, Inc

SOP-8

**TSX3702IQ2T**

STMicroelectronics, Inc

DFN-8

**TS881HLT**

STMicroelectronics, Inc

SOT23-5

**TSV992IYDT**

STMicroelectronics, Inc

SOP8

**TS3022IYST**

STMicroelectronics, Inc

MiniSO-8

**TS507CLT**

STMicroelectronics, Inc

SOT23-5

**TS339IPT**

STMicroelectronics, Inc

TSSOP14

**TSC103IPT**

STMicroelectronics, Inc

TSSOP-8

**TS3021HIYLT**

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SOT23-5

**TSC2010HYDT**

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SOIC-8

**TS3021HIYLT**

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