
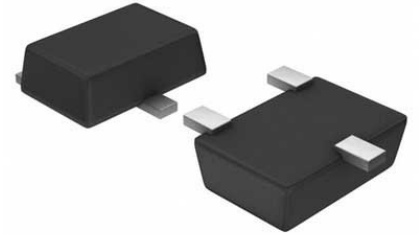


Comparator Single R-R I/P 5V Automotive 5-Pin SOT-23 T/R

Manufacturer:	STMicroelectronics, Inc
Package/Case:	SOT23-5
Product Type:	Linear Displacement Sensors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The TS3021H single comparator features high-speed response time with rail-to-rail inputs. With a supply voltage specified from 2 to 5 V, this comparator can operate over a wide temperature range: -40 °C to 150 °C.

The TS3021H comparator offers micropower consumption as low as a few tens of microamperes thus providing an excellent ratio of power consumption current versus response time.

The TS3021H includes push-pull outputs and is available in the small SOT23-5 package.

Key Features

Extended temperature range: -40 °C to 150 °C

Propagation delay: 38 ns

Low current consumption: 73 μ A

Rail-to-rail inputs

Push-pull outputs

Supply operation from 1.8 to 5 V

High ESD tolerance: 5 kV HBM, 300 V MM

Latch-up immunity: 200 mA

SMD package

Automotive qualification

Recommended For You

TS3021HLT

STMicroelectronics, Inc

SOT23-5

TS391HLT

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

TS3021HYLT

STMicroelectronics, Inc

SOT23-5

TSC2010HYDT

STMicroelectronics, Inc

SOIC-8

TS972IDT

STMicroelectronics, Inc

SOP-8