
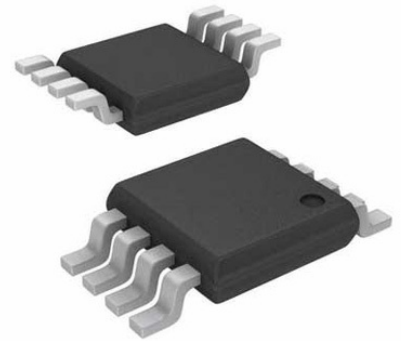


Comparator Single $\pm 5V/10V$ 8-Pin TSSOP Tube

Manufacturer:	Analog Devices, Inc
Package/Case:	TSSOP8
Product Type:	Linear Displacement Sensors
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The AD8561 is a single 7 ns comparator with separate input and output sections. Separate supplies enable the input stage to be operated from ± 5 V dual supplies and +5 V single supplies.

Fast 7 ns propagation delay makes the AD8561 a good choice for timing circuits and line receivers. Propagation delays for rising and falling signals are closely matched and track over temperature. This matched delay makes the AD8561 a good choice for clock recovery, since the duty cycle of the output will match the duty cycle of the input.

The AD8561 has the same pinout as the LT1016, with lower supply current and a wider common-mode input range, which includes the negative supply rail. The AD8561 is specified over the industrial (-40°C to $+85^{\circ}\text{C}$) temperature range. The AD8561 is available in both the 8-lead plastic DIP, 8-lead TSSOP or narrow SO-8 surface mount packages.

Key Features

Low power
 Latch function
 7 ns Propagation delay at 5 V

Application

High speed timing
 Clock recovery and clock distribution
 Line receivers
 Digital communications
 Phase detectors
 High speed sampling
 Read channel detection
 PCMCIA cards
 Upgrade for LT1016 designs

Recommended For You

AD8309ARUZ

Analog Devices, Inc
TSSOP16

AD524BDZ

Analog Devices, Inc
CDIP-16

AD8221BR

Analog Devices, Inc
SOP-8

AD8221ARZ

Analog Devices, Inc
SOP8

AD627BRZ

Analog Devices, Inc
SOP8

AD622ANZ

Analog Devices, Inc
DIP8

ADA4930-2YCPZ-R7

Analog Devices, Inc
LFCSP24

AD8034ARZ

Analog Devices, Inc
SOP8

AD8561ARZ

Analog Devices, Inc
SOP8

AD633JRZ

Analog Devices, Inc
SOP8

AD632AH

Analog Devices, Inc
CAN10

AD8422BRZ

Analog Devices, Inc
SOP8

ADCMP600BKSZ-R2

Analog Devices, Inc
SC70-5

AD620BN

Analog Devices, Inc
DIP8

AD620BR

Analog Devices, Inc
SOP