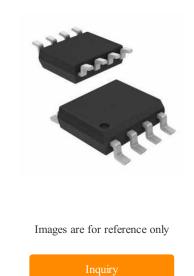


## LVDS Driver 600Mbps 0.45V 8-Pin SOIC N Tube

Manufacturer:	Analog Devices, Inc
Package/Case:	SOP-8
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free Works
Lifecycle:	Active



## **General Description**

The device accepts low voltage TTL/CMOS logic signals and converts them to a differential current output of typically  $\pm 3.1$  mA for driving a transmission medium such as a twisted-pair cable. The transmitted signal develops a differential voltage of typically  $\pm 355$  mV across a termination resistor at the receiving end, and this is converted back to a TTL/CMOS logic level by a line receiver.

The ADN4661 and a companion LVDS receiver offer a new solution to high speed point-to-point data transmission, and a low power alternative to emittercoupled logic (ECL) or positive emitter-coupled logic (PECL).

Applications Backplane data transmission Cable data transmission Clock distribution

## **Key Features**

Flow-through pin-out simplifies PCB layout 300ps Typical differential skew 700ps Maximum differential skew 1.5ns Maximum propagation delay 23mW Typical low power dissipation Interoperable with existing 5V LVDS receivers Application

Backplane data transmission

Cable data transmission

Clock distribution

## **Recommended For You**

ADM3490EARZ	ADuMB160BRWZ-RL	ADM3232EARUZ
Analog Devices, Inc	Analog Devices, Inc	Analog Devices, Inc
SOP-8	SOP16	TSSOP-16

#### ADuM5211ARSZ

Analog Devices, Inc SSOP20

## ADuM1410BRWZ

Analog Devices, Inc SOP16

# ADM485ANZ

Analog Devices, Inc

## ADUM142E0BRZ

Analog Devices, Inc

SOP-16

#### ADuM1201BRZ-RL7

Analog Devices, Inc SOP8

# AD698APZ

Analog Devices, Inc PLCC28

### ADuM6400ARWZ

Analog Devices, Inc SOP16

# ADuM1412BRWZ

Analog Devices, Inc SOP16

#### ADV7623BSTZ

Analog Devices, Inc LQFP144

## ADM3251EARWZ

Analog Devices, Inc SOP20

### ADuM1281BRZ

Analog Devices, Inc SOP8

### ADV7622BSTZ

Analog Devices, Inc TQFP144