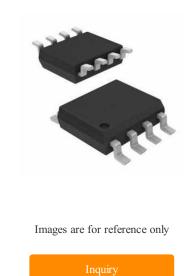


LVDS Driver 600Mbps 0.45V 8-Pin SOIC N Tube

Manufacturer:	Analog Devices, Inc
Package/Case:	SOP8
Product Type:	Drivers
RoHS:	RoHS Compliant/Lead free WoHS
Lifecycle:	Active



General Description

The device accepts low voltage TTL/CMOS logic signals and converts them to a differential current output of typically ± 3.1 mA for driving a transmission medium such as a twisted-pair cable. The transmitted signal develops a differential voltage of typically ± 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 ADN4663 and a companion receiver offer a new solution to high speed point-to-point data transmission, and a low power alternative to emitter-coupled 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

AVAQ SEMICONDUCTOR CO., LIMITED

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