74LCX244TTR

Data Sheet

LOW VOLTAGE CMOS OCTAL BUS BUFFER (3-STATE) WITH 5V TOLERANT INPUTS AND OUTPUTS

Manufacturers	STMicroelectronics, Inc
Package/Case	TSSOP-20
Product Type	Logic ICs
RoHS	Rohs
Lifecycle	

Images are for reference only

Please submit RFQ for 74LCX244TTR or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

74LCX244TTR is a type of digital buffer/line driver IC (integrated circuit) that is used in electronic circuits to amplify digital signals and transmit them over long distances. It is a member of the LCX family of low-voltage CMOS logic ICs, which are designed to operate at lower voltages than standard CMOS ICs. The "244" in the part number refers to the fact that the IC has 8 bidirectional input/output (I/O) channels, each capable of handling 8 bits of data.

Features

Wide operating voltage range: 2.0V to 3.6V

High-speed operation: = 3.3V

Low power consumption: = 25°C

3-state outputs: Output pins can be put into a high-impedance state for bus sharing

ESD protection: HBM JESD22-A114F exceeds 2000V, MM JESD22-A115-A exceeds 200V

Application

Data buffering and line driving in digital circuits

Level shifting between systems with different voltage levels

Interfacing between high-speed logic and slower peripherals

Bus sharing in multi-master systems

Related Products

M74HC393RM13TR

STMicroelectronics, Inc

SO-14

74LVC244ATTR

STMicroelectronics, Inc

TSSOP-20

[M74HC595RM13TR](#)

STMicroelectronics, Inc

SOP-16

[M74HC4060TTR](#)

STMicroelectronics, Inc

TSSOP-16

[74LCX14TTR](#)

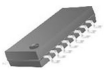
STMicroelectronics, Inc

TSSOP-14

[M74HC595M1R](#)

STMicroelectronics, Inc

SOP-16



[M74HC238RM13TR](#)

STMicroelectronics, Inc

SOP-16

[M74HC14RM13TR](#)

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SOP-14