

Low Voltage Octal Buffer/Line Driver with 5V Tolerant Inputs and Outputs; Package: TSSOP; No of Pins: 20; Container: Tape & Reel, Buffers & Line Drivers Octal Buff/Line Drv

Manufacturers	ON Semiconductor, LLC
Package/Case	TSSOP-20
Product Type	Logic ICs
RoHS	Pb-free
Lifecycle	



Images are for reference only

Please submit RFQ for 74LCX541MTCX or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The MC74LCX541 is a high performance, non-inverting octal buffer operating from a 2.3 to 3.6V supply. This device is similar in function to the MC74LCX244, while providing flow through architecture. High impedance TTL compatible inputs significantly reduce current loading to input drivers while TTL compatible outputs offer improved switching noise performance. A VI specification of 5.5V allows MC74LCX541 inputs to be safely driven from 5V devices. The MC74LCX541 is suitable for memory address driving and all TTL level bus oriented transceiver applications. Current drive capability is 24mA at the outputs. The Output Enable(OE1bar, OE2bar) inputs, when HIGH, disables the output by placing them in a HIGH Z condition.

Features

Designed for 2.3 to 3.6V VCC Operation

5V Tolerant - Interface Capability With 5V TTL Logic

Supports Live Insertion and Withdrawal

IOFF Specification Guarantees High Impedance When>

LVTTL Compatible

LVC MOS Compatible

24mA Balanced Output Sink and Source Capability

Near Zero Static Supply Current in All Three Logic States (10mA) Substantially Reduces System Power Requirements

Latchup Performance Exceeds 500mA

ESD Performance: Human Body Model >2000V; Machine Model >200V

Pb-Free Packages are Available*

Application

ONSEMI



Related Products



[MM74HC14MX](#)

ON Semiconductor, LLC

SOIC-14



[74ACT00SC](#)

ON Semiconductor, LLC

SOIC-14



[MM74HC595MTCX](#)

ON Semiconductor, LLC
TSSOP-16



[74VHC74MTC](#)

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TSSOP-14



[MC74VHCT50ADTR2G](#)

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TSSOP-14



[74LVTH244MTC](#)

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[74LCX125BOX](#)

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DQFN-14



[74ACT244MTC](#)

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