

## 製品概要

### MC74LCX541: Low Voltage CMOS Octal Buffer Flow Through Pinout

技術情報は、データシートをご参照ください。

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.

## 特長

- 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 VCC = 0V
- LVTTTL Compatible
- LVCMOS 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

For more features, see the data sheet

## 電氣的仕様

製品	Compliance	Status	Channels	Output	V <sub>CC</sub> Min (V)	V <sub>CC</sub> Max (V)	t <sub>pd</sub> Max (ns)	I <sub>O</sub> Max (mA)	Package Type
MC74LCX541DTG	Pb-free	Active	8	3-State	2	3.6	6.5	24	TSSOP-20
	Halide free								
MC74LCX541DTR2G	Pb-free	Active	8	3-State	2	3.6	6.5	24	TSSOP-20
	Halide free								
MC74LCX541DWG	Pb-free	Active	8	3-State	2	3.6	6.5	24	SOIC-20W
	Halide free								
MC74LCX541DWR2G	Pb-free	Active	8	3-State	2	3.6	6.5	24	SOIC-20W
	Halide free								

詳細は、弊社 [www.onsemi.jp](http://www.onsemi.jp) の営業または販売代理店にお問い合わせください。

8/18/2019 作成