

## 製品概要

### MC74LVX374: Octal D Flip-Flop with 3-State Outputs

技術情報は、データシートをご参照ください。

The MC74LVX374 is an advanced high speed CMOS octal D-type flip-flop with 3-state outputs. The inputs tolerate voltages up to 7V, allowing the interface of 5V systems to 3V systems. This 8-bit D-type flip-flop is controlled by a clock input and an output enable input. When the output enable input is high, the eight outputs are in a high impedance state.

### 特長

- High Speed:  $f_{max} = 160\text{MHz}$  (Typ) at  $V_{CC} = 3.3\text{V}$
- Low Power Dissipation:  $I_{CC} = 4\mu\text{A}$  (Max) at  $T_A = 25\text{C}$
- Power Down Protection Provided on Inputs
- Balanced Propagation Delays
- Low Noise: VOLP = 0.8V (Max)
- Pin and Function Compatible with Other Standard Logic Families
- Latchup Performance Exceeds 300mA
- ESD Performance: HBM > 2000V; Machine Model > 200V PIN
- Pb-Free Packages are Available\*

### 電気的仕様

製品	Compliance	Status	Type	Channels	$V_{CC}$ Min (V)	$V_{CC}$ Max (V)	$t_{pd}$ Max (ns)	$I_O$ Max (mA)	Package Type
MC74LVX374DTR2G	Pb-free Halide free	Active	D-Type	8	2	3.6	14.1	4	TSSOP-20
MC74LVX374DWR2G	Pb-free Halide free	Active	D-Type	8	2	3.6	14.1	4	SOIC-20W

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。

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