

## Product Overview

### MC74ACT374: Octal D Flip-Flop with 3-State Outputs

For complete documentation, see the data sheet.

The MC74AC374/74ACT374 is a high-speed, low-power octal D-type flip-flop featuring separate D-type inputs for each flip-flop and 3-state outputs for bus-oriented applications. A buffered Clock (CP) and Output Enable (OE) are common to all flip-flops.

#### Features

- Buffered Positive Edge-Triggered Clock
- 3-State Outputs for Bus-Oriented Applications
- Outputs Source/Sink 24 mA
- See MC74AC273 for Reset Version
- See MC74AC377 for Clock Enable Version
- See MC74AC373 for Transparent Latch Version
- See MC74AC574 for Broadside Pinout Version
- See MC74AC564 for Broadside Pinout Version with Inverted Outputs
- ACT374 Has TTL Compatible Inputs
- Pb-Free Packages are Available

For more features, see the data sheet

#### Part Electrical Specifications

Product	Compliance	Status	Type	Channels	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
MC74ACT374DTR2G	Pb-free	Active	D-Type	8	4.5	5.5	10	24	TSSOP-20
	Halide free								
MC74ACT374DWG	Pb-free	Active	D-Type	8	4.5	5.5	10	24	SOIC-20W
	Halide free								
MC74ACT374DWR2G	Pb-free	Active	D-Type	8	4.5	5.5	10	24	SOIC-20W
	Halide free								

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