

## Product Overview

### MC74ACT574: Octal D Flip-Flop with 3-State Outputs

For complete documentation, see the data sheet.

The MC74AC574/74ACT574 is a high-speed, low power octal flip-flop with a buffered common Clock (CP) and a buffered common Output Enable (OE). The information presented to the D inputs is stored in the flip-flops on the LOW-to-HIGH Clock (CP) transition.

The MC74AC574/74ACT574 is functionally identical to the MC74AC374/ 74ACT374 except for the pinouts.

### Features

- Inputs and Outputs on Opposite Sides of Package Allowing Easy Interface with Microprocessors
- Useful as Input or Output Port for Microprocessors
- Functionally Identical to MC74AC374/74ACT374
- 3-State Outputs for Bus-Oriented Applications
- Outputs Source/Sink 24 mA
- ACT574 Has TTL Compatible Inputs
- Pb-Free Packages are Available

### 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
MC74ACT574DTR2G	Pb-free	Active	D-Type	8	4.5	5.5	11	24	TSSOP-20
	Halide free								
MC74ACT574DWG	Pb-free	Active	D-Type	8	4.5	5.5	11	24	SOIC-20W
	Halide free								
MC74ACT574DWR2G	Pb-free	Active	D-Type	8	4.5	5.5	11	24	SOIC-20W
	Halide free								

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