

## Product Overview

### MC74ACT257: Quad 2-Input Multiplexer with 3-State Output

For complete documentation, see the data sheet.

The MC74AC257/74ACT257 is a quad 2-input multiplexer with 3-state outputs. Four bits of data from two sources can be selected using a Common Data Select input. The four outputs present the selected data in true (noninverted) form. The outputs may be switched to a high impedance state by placing a logic HIGH on the common Output Enable (OE) input, allowing the outputs to interface directly with bus-oriented systems.

### Features

- Multiplexer Expansion by Tying Outputs Together
- Noninverting 3-State Outputs
- Outputs Source/Sink 24 mA
- ACT257 Has TTL Compatible Inputs
- These devices are available in Pb-free package(s). Specifications herein apply to both standard and Pb-free devices. Please see our website at [www.onsemi.com](http://www.onsemi.com) for specific Pb-free orderable part numbers, or contact your local ON Semiconductor sales office or representative.

### Part Electrical Specifications

Product	Compliance	Status	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
MC74ACT257DG	Pb-free	Active	4	4.5	5.5	10.5	24	SOIC-16
	Halide free							
MC74ACT257DR2G	Pb-free	Active	4	4.5	5.5	10.5	24	SOIC-16
	Halide free							

For more information please contact your local sales support at [www.onsemi.com](http://www.onsemi.com).

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