

Product Overview

MC74AC259: 8-Bit Addressable Latch

For complete documentation, see the data sheet.

The MC74AC259/74ACT259 is a high-speed 8-bit addressable latch designed for general purpose storage applications in digital systems. It is a multifunctional device capable of storing single line data in eight addressable latches, and also a 1-of-8 decoder and demultiplexer with active HIGH outputs. The device also incorporates an active LOW Common Clear for resetting all latches, as well as an active LOW Enable. It is functionally identical to the ALS259 8-bit addressable latch.

Features

- Serial-to-Parallel Conversion
- Eight Bits of Storage with Output of Each Bit Available
- Random (Addressable) Data Entry
- Active High Demultiplexing or Decoding Capability
- Easily Expandable
- Common Clear

Part Electrical Specifications

Product	Compliance	Status	Type	Channels	V _{CC} Min (V)	V _{CC} Max (V)	t _{pd} Max (ns)	I _O Max (mA)	Package Type
MC74AC259DG	Pb-free	Active	Latch	8	2	6	10	24	SOIC-16
	Halide free								
MC74AC259DR2G	Pb-free	Active	Latch	8	2	6	10	24	SOIC-16
	Halide free								

For more information please contact your local sales support at www.onsemi.com.

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