

Gates (AND / NAND / OR / NOR) LOG ADCD HI SPEED

Manufacturers	ON Semiconductor, LLC
Package/Case	SC88A5
Product Type	Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for NLVVHC1G08DFT2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The MC74VHC1G08 is an advanced high speed CMOS 2-input AND gate fabricated with silicon gate CMOS technology. It achieves high speed operation similar to equivalent Bipolar Schottky TTL while maintaining CMOS low power dissipation. The internal circuit is composed of three stages, including a buffer output which provides high noise immunity and stable output. The MC74VHC1G08 input structure provides protection when voltages up to 5.5V are applied, regardless of the supply voltage. This allows the MC74VHC1G08 to be used to interface 5V circuits to 3V circuits.

Features

High Speed: = 5V

Low Power Dissipation: = 25°C

Power Down Protection Provided on Inputs

Balanced Propagation Delays

Pin and Function Compatible with Other Standard Logic Families

Chip Complexity:>

Pb-Free Packages are Available

Application

ONSEMI

Related Products



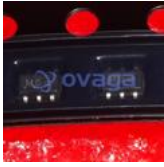
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