

Single Schmitt-Trigger Inverter, Inverters 2-5.5V CMOS Single Schmitt Input

Manufacturers	ON Semiconductor, LLC
Package/Case	SC-70-5
Product Type	Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MC74VHC1G14DFT2G or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The MC74VHC1G14 is a single gate CMOS Schmitt trigger inverter fabricated with silicon gate CMOS technology. The internal circuit is composed of three stages, including a buffer output which provides high noise immunity and stable output. The MC74VHC1G14 input structure provides protection when voltages up to 5.5 V are applied, regardless of the supply voltage. This allows the MC74VHC1G14 to be used to interface 5 V circuits to 3 V circuits. The MC74VHC1G14 can be used to enhance noise immunity or to square up slowly changing waveforms.

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



[MC14094BDR2G](#)

ON Semiconductor, LLC
SOIC-16



[MC14013BDR2G](#)

ON Semiconductor, LLC
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[MC74VHCT50ADTR2G](#)

ON Semiconductor, LLC
TSSOP-14



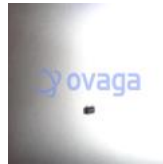
[MC14011BDG](#)

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[MC74VHC1G32DFT1G](#)

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[MC74VHC1G08DFT1G](#)

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QFN-24