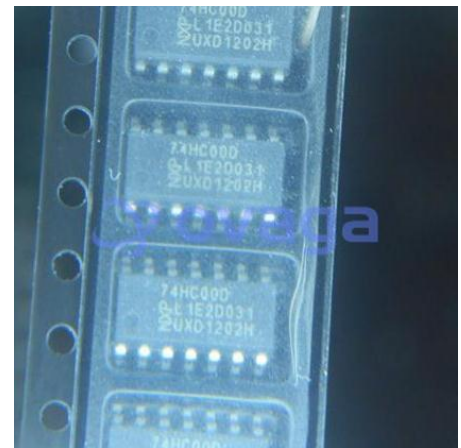


Quad 2-input NAND gate,Gates (AND / NAND / OR / NOR) NAND-GATE

Manufacturers	NXP Semiconductor
Package/Case	SOP-14
Product Type	Logic ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for 74HC00D or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

74HC00D is a quad 2-input NAND gate IC (Integrated Circuit) from the 74HC family of logic gates. It is a popular and widely used IC due to its low power consumption, high speed, and compatibility with TTL (Transistor-Transistor Logic) and CMOS (Complementary Metal-Oxide-Semiconductor) families.

Features

Four independent 2-input NAND gates in a single package

High speed operation with propagation delay of 9 ns

Wide supply voltage range of 2V to 6V

Low power consumption

Compatible with TTL and CMOS families

High noise immunity

Pin and function compatible with 74LS00, 74LS00A, and 74HC00

Application

Digital logic circuits

Timer circuits

Counters

Data storage systems

Multiplexers

Encoders and decoders

Signal generators

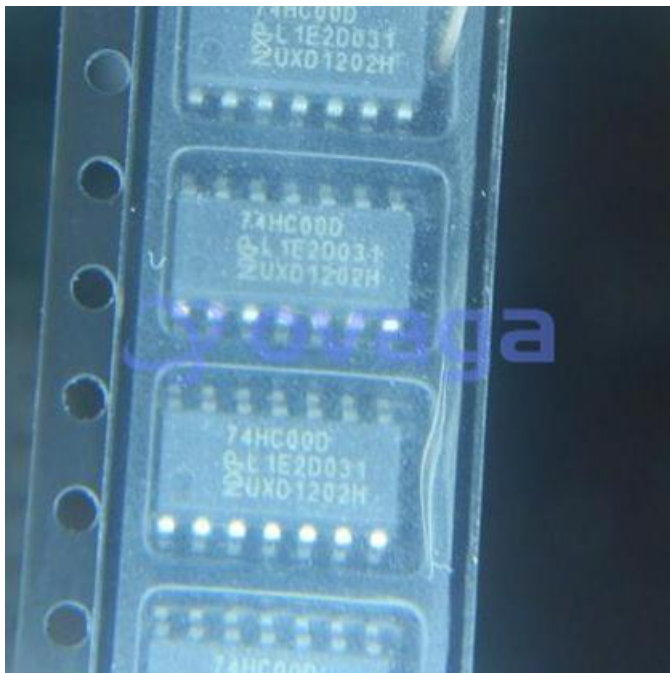
Oscillators

Switches

LED and display drivers

Power supply sequencing

Battery-powered applications





Related Products



[74HC4050D](#)

NXP Semiconductor
16-SOIC



[74HC132D](#)

NXP Semiconductor
SOP-14



[74HC259D](#)

NXP Semiconductor
SOP-16



[74HC14D](#)

NXP Semiconductor
SOP-14



[74HC574D](#)

NXP Semiconductor
20-SOIC



[74HC165D](#)

NXP Semiconductor
SOP-16



[74HCT02D](#)

NXP Semiconductor
SOP-14



[74HC04D](#)

NXP Semiconductor
SOP-14