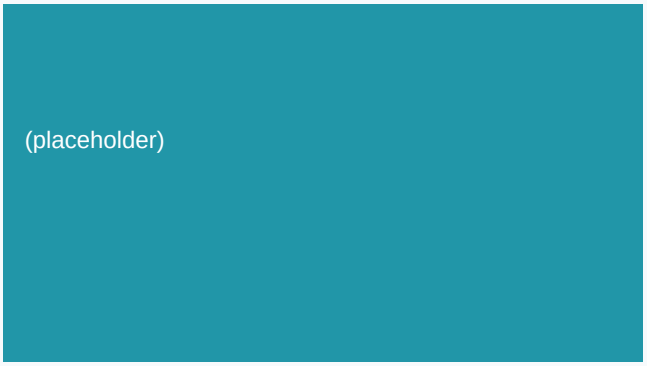
74HC08 Quad 2-Input AND Gate IC (7408 IC) DIP-14 Package

Slug: 74hc08-quad-2-input-and-gate-ic-7408-ic-dip-14-package



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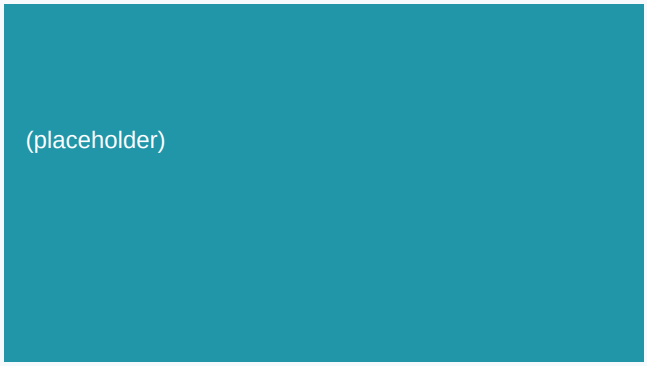

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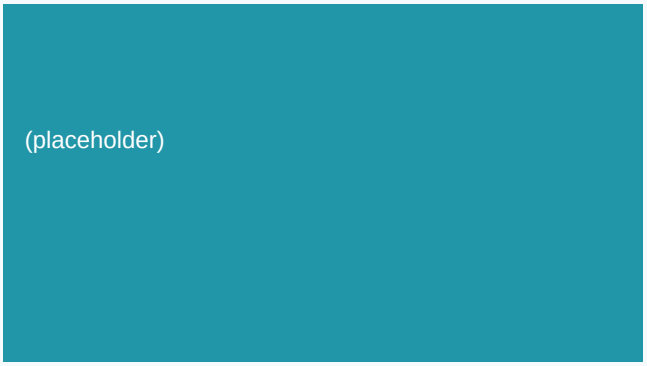
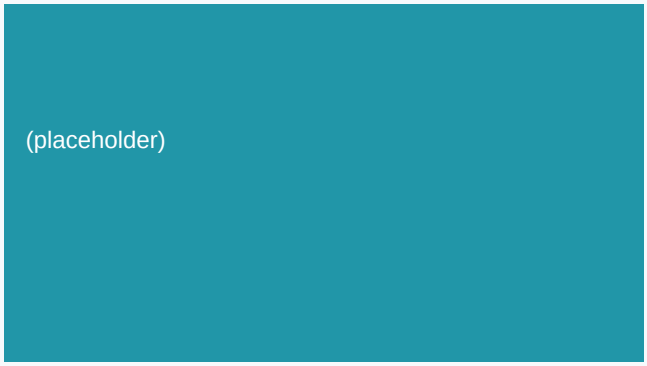


DETAIL



PINOUT

TECHNICAL SPECIFICATIONS & SUMMARY

[Logic Gates IC] 74HC08 is Quad 2-Input AND Gate 14 Pin IC. The 74HC08 provides provides 4 independent 2-input AND gates with standard push-pull outputs. The device is designed for operation with a power supply range of 2.0V to 6.0V. It utilize advanced silicon-gate CMOS technology to achieve operating speeds similar to LS-TTL gates with the low power consumption of standard CMOS integrated circuits. The HC08 has buffered outputs, providing high noise immunity and the ability to drive 10 LS-TTL loads. The 74HC logic family is functionally as well as pin-out compatible with the standard 74LS logic family. All inputs are protected from damage due to static discharge by internal diode clamps to VCC and ground. Features:- 4 AND gates in a 14-Pin DIP Package Outputs Directly Interface to CMOS, NMOS and TTL Large Operating Voltage Range Wide Operating Conditions Specifications:- Type: DIP Bipolar Voltage Rating: 2.0 to 6.0V Temperature Rating: 0 to 70Deg C Number of: 14 Pins Mounting: Through Hole

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