

8 Bit Magnitude Comparator Nexperia

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8 Bit Magnitude Comparator Nexperia

The 74HC688 is an 8-bit magnitude comparator. It performs comparisons of two 8-bit binary or BCD words. Inputs include clamp diodes. This enables the use of current limiting resistors to interface inputs to voltages in excess of V_{CC}.

74HC688D - 8-bit magnitude comparator | Nexperia

The 74HC688 is an 8-bit magnitude comparator. It performs comparisons of two 8-bit binary or BCD words. Inputs include clamp diodes. This enables the use of current limiting resistors to interface inputs to voltages in excess of V_{CC}.

74HC688DB - 8-bit magnitude comparator | Nexperia

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74HC688; 74HCT688 - 8-bit magnitude comparator | Nexperia

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74HC688PW - 8-bit magnitude comparator | Nexperia

The 74HC688 is an 8-bit magnitude comparator. It performs comparisons of two 8-bit binary or BCD words. Inputs include clamp diodes. This enables the use of current limiting resistors to interface inputs to voltages in excess of V_{CC}.

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Two or more "688" 8-bit magnitude comparators may be cascaded to compare binary or BCD numbers of more than 8 bits. An example is shown in Fig.8. PACKAGE OUTLINES See "74HC/HCT/HCU/HCMOS Logic Package Outlines". Fig.8 Binary or BCD comparator.

8-bit magnitude comparator - Nexperia

Digital comparators - An indispensable range of digital magnitude comparators These devices can compare the magnitude of any binary words. Manufactured in low power CMOS, they have CMOS and TTL input options. An indispensable component in applications such as process controllers and servo-motor control.

Digital comparators | Nexperia

4-bit magnitude comparator Rev. 3 — 20 April 2018 Product data sheet 1 General description The 74HC85; 74HCT85 is a 4-bit magnitude comparator that can be expanded to almost any length. They perform comparison of two 4-bit binary, BCD or other monotonic codes and present the three possible magnitude results at the outputs (QA>B, QA=B and QA<B).

4-bit magnitude comparator - Nexperia

74HC85D - The 74HC85; 74HCT85 is a 4-bit magnitude comparator that can be expanded to almost any length. They perform comparison of two 4-bit binary, BCD or other monotonic codes and present the three possible magnitude results at the outputs (QA>B,QA=BandQA<B). The 4-bit

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inputs are weighted (A0 to A3 and B0 to B3), where A3 and B3 are the most significant bits.

74HC85D - 4-bit magnitude comparator | Nexperia

Two or more "688" 8-bit magnitude comparators may be cascaded to compare binary or BCD numbers of more than 8 bits. An example is shown in Fig.8. PACKAGE OUTLINES See "74HC/HCT/HCU/HCMOS Logic Package Outlines". Fig.8 Binary or BCD comparator.

8-bit magnitude comparator

These advanced Schottky devices are capable of performing high-speed arithmetic or logic comparisons on two 8-bit binary or two's complement words. Two fully decoded decisions about words P and Q are externally available at two outputs. These devices are fully expandable to any number of bits without external gates.

SN54AS885, SN74AS885 8-BIT MAGNITUDE COMPARATORS

The 74HCT688N is a 8-bit CMOS Magnitude Comparator pin compatible with low power Schottky TTL (LSTTL). It performs comparison of two 8-bit binary or BCD words. The output provides $P \leq Q$. Compare two 8-bit words

74HCT688N - Digital Comparator, 74HCT688, Magnitude, 8 ...

logic; pdip; cmos, 8 bit magnitude comparator logic; 5v; -40; +125; 3.5; 6; 6 Allied Electronics & Automation PHIL# 74HCT688N Comparato r ICs COMPARATOR 8BIT MAG MAGNITD

74HCT688N Nexperia - Comparators - Distributors, Price ...

An 8-bit comparator compares the two 8-bit numbers by cascading of two 4-bit comparators. The circuit connection of this comparator is shown below in which the lower order comparator $A < B$, $A = B$ and $A > B$ outputs are connected to the respective cascade inputs of the higher order comparator.

Digital Comparator and Magnitude Comparator

The 74HC688D is a 8-bit CMOS Magnitude Comparator pin compatible with low power Schottky TTL (LSTTL). It performs comparison of two 8-bit binary or BCD words. The output provides $P = Q$. Compare two 8-bit words

74HC688D,652 - Digital Comparator, 74HC688, Magnitude, 8 ...

Identity Comparator 8-Bit 20-Pin SOIC Tube - Bulk (Alt: SN74HC688DW) ... Nexperia 74HC688D,652, 8bit-Bit, Magnitude Comparator, Single Ended, Inverting, 20-Pin SOIC, TU. ... 74HC Series 6 V SMT 8-Bit Magnitude Comparator - SOIC-20. RoHS: Compliant 8000. 8000 \$0.2227; 2000 \$0 ...

74HC688 by Distributor - OEMsTrade

Logic Comparators are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Logic Comparators.

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stock: 5000: 74HC594DB,112 : Shift Register Single 8-Bit Serial to Serial/Parallel 16-Pin SSOP (Not Recommended for New Designs) Nexperia

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