
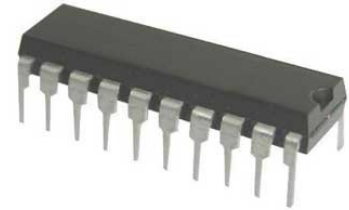


Magnitude Comparator 8-Bit 20-Pin PDIP Tube

Manufacturer:	Texas Instruments, Inc
Package/Case:	DIP20
Product Type:	Logic ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

These magnitude comparators perform comparisons of two eight-bit binary or BCD words. All types provide $P = Q$ outputs and all except 'LS688 provide $P > Q$ outputs as well. The 'LS682, 'LS684, 'LS686, and 'LS688 have totem-pole outputs, while the 'LS685 and 'LS687 have open-collector outputs. The 'LS682 features 20-k pullup termination resistors on the Q inputs for analog or switch data.

Key Features

Compares Two-8-Bit Words

Choice of Totem-Pole or Open-Collector Outputs

Hysteresis at P and Q Inputs

'LS682 has 20-k Pullup Resistors on the Q Inputs

SN74LS686 and 'LS687 ... JT and NT 24-Pin, 300-Mil Packages

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Recommended For You

SN74S38N

Texas Instruments, Inc

DIP

SN7438N

Texas Instruments, Inc

DIP14

SN75462P

Texas Instruments, Inc

DIP8

SN74F08D

Texas Instruments, Inc
SOP-14

SN74LS257BN

Texas Instruments, Inc
DIP16

SN75452BP

Texas Instruments, Inc
DIP8

SN74LS245DW

Texas Instruments, Inc
SOP20

SN74LS74AN

Texas Instruments, Inc
DIP

SN74S74N

Texas Instruments, Inc
DIP

SN7406N

Texas Instruments, Inc
DIP-14

SN74CBILV3257D

Texas Instruments, Inc
SOP-16P

SN74HC138DR

Texas Instruments, Inc
SOP16

SN74LS14N

Texas Instruments, Inc
DIP

SN74HC139N

Texas Instruments, Inc
DIP

SN74AVC16T245DGGR

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TSSOP48