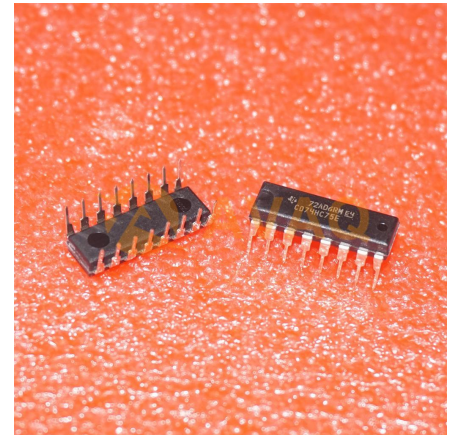


Latch Transparent 4-CH D-Type 16-Pin PDIP Tube**Manufacturer:** [Texas Instruments, Inc](#)**Package/Case:** DIP**Product Type:** Logic ICs**RoHS:** RoHS Compliant/Lead free **Lifecycle:** Active

Images are for reference only

[Inquiry](#)**General Description**

The 'HC75 and 'HCT75 are dual 2-bit bistable transparent latches. Each one of the 2-bit latches is controlled by separate Enable inputs (1E\ and 2E\) which are active LOW. When the Enable input is HIGH data enters the latch and appears at the Q output. When the Enable input (1E\ and 2E\) is LOW the output is not affected.

Key Features

True and Complementary Outputs

Buffered Inputs and Outputs

Fanout (Over Temperature Range)
Standard Outputs...10 LSTTL Loads

Bus Driver Outputs...15 LSTTL Loads

Wide Operating Temperature Range . . . -55°C to 125°C

Balanced Propagation Delay and Transition Times

Significant Power Reduction Compared to LSTTL Logic ICs

HC Types
2V to 6V Operation

High Noise Immunity: NIL = 30%, NIH = 30% of VCC at VCC = 5V

HCT Types
4.5V to 5.5V Operation

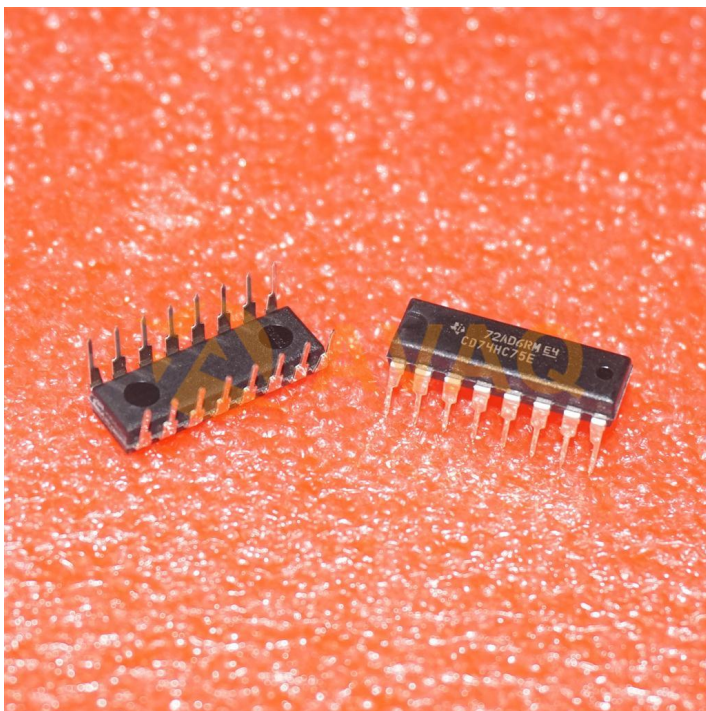
Direct LSTTL Input Logic Compatibility, VIL = 0.8V (Max), VIH = 2V (Min)

CMOS Input Compatibility, I_{II}μA at VOL, VOH

Data sheet acquired from Harris Semiconductor

Description

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Recommended For You

CD4070BE

Texas Instruments, Inc
DIP14

CD74HCT138E

Texas Instruments, Inc
DIP16

CD4098BE

Texas Instruments, Inc
DIP

CD74HC08E

Texas Instruments, Inc
DIP

CD74HC4075E

Texas Instruments, Inc
DIP

CD74ACT74E

Texas Instruments, Inc
DIP-14

CD4504BE

Texas Instruments, Inc
DIP16

CD4068BE

Texas Instruments, Inc
DIP

CD4081BE

Texas Instruments, Inc
DIP14

CD4001BE

Texas Instruments, Inc
DIP14

CD4512BE

Texas Instruments, Inc
DIP16

CD4069UBE

Texas Instruments, Inc
DIP14

CD74HCT151E

Texas Instruments, Inc
DIP

CD74HC04M

Texas Instruments, Inc
SOP14

CD4013BE

Texas Instruments, Inc
DIP14