


Decoder/Demultiplexer Single 3-to-8 16-Pin PDIP Tube

Manufacturer:	Texas Instruments, Inc
Package/Case:	DIP16
Product Type:	Logic ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

The SNx4HC138 devices are designed to be used in high-performance memory-decoding or data-routing applications requiring very short propagation delay times. In high-performance memory systems, these decoders can be used to minimize the effects of system decoding. When employed with high-speed memories using a fast enable circuit, the delay times of these decoders and the enable time of the memory are usually less than the typical access time of the memory. This means that the effective system delay introduced by the decoders is negligible.

Key Features

Targeted Specifically for High-Speed Memory Decoders and Data-Transmission Systems

Wide Operating Voltage Range (2 V to 6 V)

Outputs Can Drive Up To 10 LSTTL Loads

Low Power Consumption, 80- μ A Maximum ICC

Typical tpd = 15 ns

\pm 4-mA Output Drive at 5 V

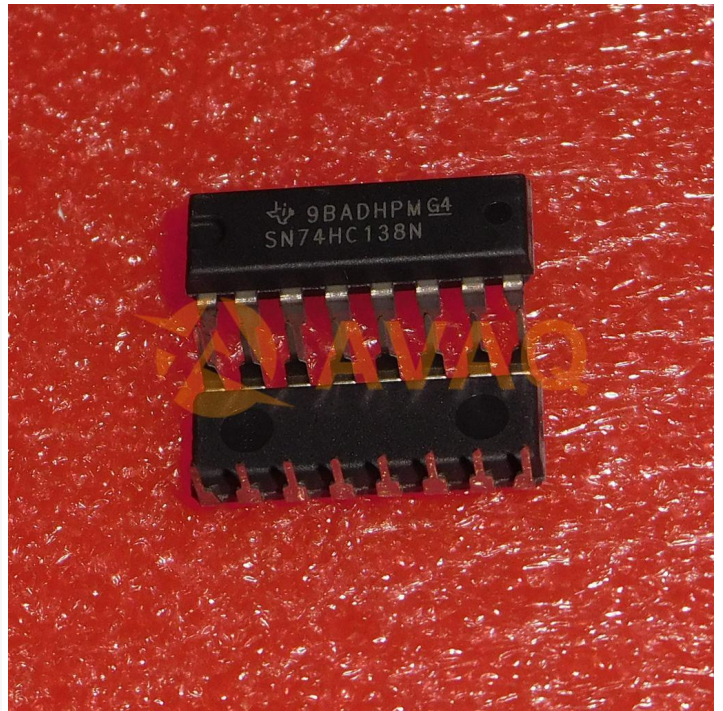
Low Input Current of 1- μ A Maximum

Active Low Outputs (Selected Output is Low)

Incorporate Three Enable Inputs to Simplify Cascading or Data Reception

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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