

Counter/Register Single 8-Bit Binary UP 16-Pin PDIP Tube

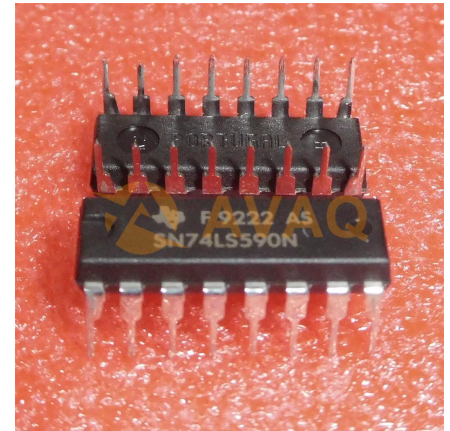
Manufacturer: [Texas Instruments, Inc](#)

Package/Case: DIP

Product Type: Logic ICs

RoHS: RoHS Compliant/Lead free 

Lifecycle: Active



Images are for reference only

[Inquiry](#)

General Description

These devices each contain an 8-bit binary counter that feeds an 8-bit storage register. The storage register has parallel outputs. Separate clocks are provided for both the binary counter and storage register. The binary counter features a direct clear input CCLR\ and a count enable input CCKEN\. For cascading, a ripple carry output RCO\ is provided. Expansion is easily accomplished for two stages by connecting RCO\ of the first stage to CCKEN\ of the second stage. Cascading for larger count chains can be accomplished by connecting RCO\ of each stage to CCK of the following stage.

Both the counter and register clocks are positive-edge triggered. If the user wishes to connect both clocks together, the counter state will always be one count ahead of the register. Internal circuitry prevents clocking from the clock enable.

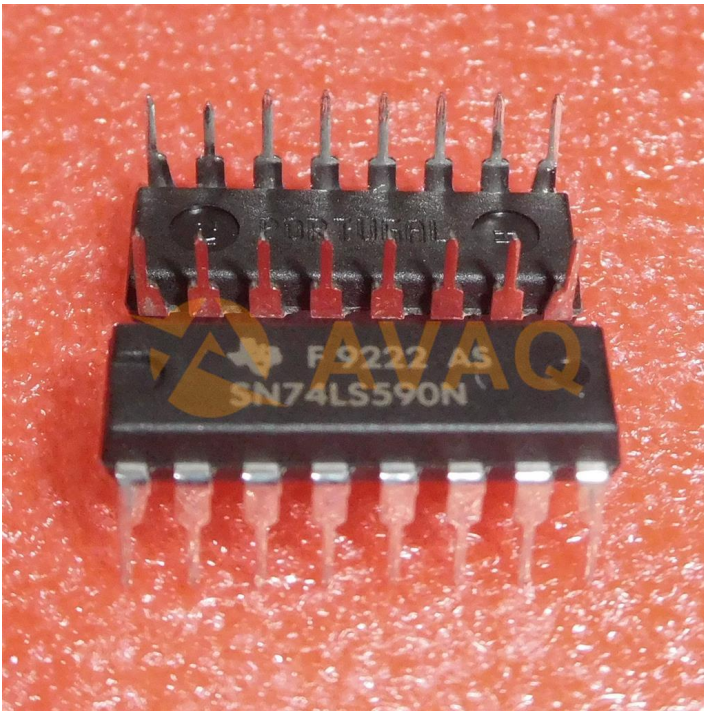
Key Features

8-Bit Counter with Register

Parallel Register Outputs

Choice of 3-State ('LS590) or Open-Collector ('LS591) Register Outputs

Guaranteed Counter Frequency:DC to 20 MHz



Recommended For You

SN74HC191N

Texas Instruments, Inc

DIP

SN74LS293N

Texas Instruments, Inc

DIP14

SN74LS90N

Texas Instruments, Inc

DIP14

SN74LS93N

Texas Instruments, Inc

DIP

SN74HC4040N

Texas Instruments, Inc

DIP16

SN54HC193J

Texas Instruments, Inc

CDIP

SN74LS191N

Texas Instruments, Inc

DIP16

SN74HC590AD

Texas Instruments, Inc

SOIC-16

SN74HC163D

Texas Instruments, Inc

SOP

SN74LS163AN

Texas Instruments, Inc

DIP

SN74LS161AN

Texas Instruments, Inc

DIP16

SN74F163AN

Texas Instruments, Inc

DIP16

SN74LV8154N

Texas Instruments, Inc

DIP-20

SN74LS393N

Texas Instruments, Inc

DIP

SN74HC590AN

Texas Instruments, Inc

DIP16