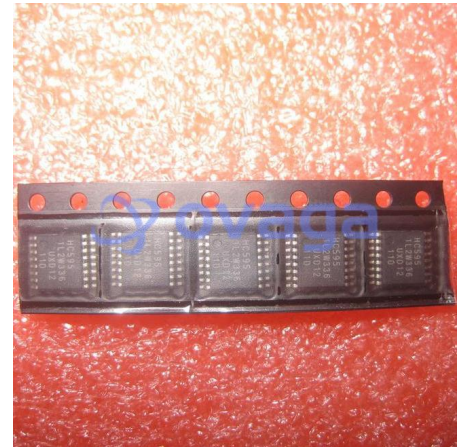8-bit serial-in/serial or parallel-out shift register with output latches; 3-state,Counter Shift Registers 8-BIT SHIFT REG W/OUTPUT LATCH

Manufacturers	NXP Semiconductor
Package/Case	SOT-403
Product Type	Logic ICs
RoHS	
Lifecycle	

Images are for reference only

Please submit RFQ for 74HC595PW or Email to us: sales@ovaga.com We will contact you in 12 hours.   RFQ

General Description

74HC595PW is a type of integrated circuit (IC) belonging to the 74HC family of high-speed CMOS logic chips. The 74HC595PW is an 8-bit serial-in, parallel-out shift register with a storage register, designed to be cascaded in order to extend the number of outputs that can be controlled by a microcontroller or other digital circuit.

Features

8-bit serial-in, parallel-out shift register

Cascadable for extending output ports

High-speed operation

Compatible with TTL logic levels

Low power consumption

Schmitt-trigger input for improved noise immunity

3-state outputs for easy interfacing with other circuits

Wide operating voltage range: 2V to 6V

Application

Driving LED displays and matrices

Controlling relays, motors, and other devices

Serial to parallel data conversion

Interfacing with microcontrollers and other digital circuits

Replacing discrete logic gates with a more integrated solution

Related Products

[74HC4050D](#)

NXP Semiconductor

16-SOIC

[74HC574D](#)

NXP Semiconductor

20-SOIC

[74HC132D](#)

NXP Semiconductor

SOP-14

[74HC165D](#)

NXP Semiconductor

SOP-16

[74HC259D](#)

NXP Semiconductor

SOP-16

[74HCT02D](#)

NXP Semiconductor

SOP-14

[74HC14D](#)

NXP Semiconductor

SOP-14

[74HC04D](#)

NXP Semiconductor

SOP-14