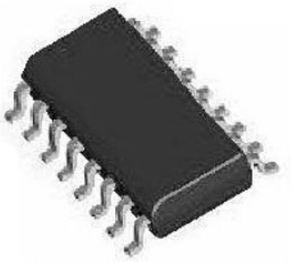
MM74HC595MX

Data Sheet

8-Bit Shift Registers with Output Latches; Package: SOIC; No of Pins: 16; Container: Tape & Reel,Counter Shift Registers 8-Bit Shift Register

Manufacturers	ON Semiconductor, LLC
Package/Case	SOIC-16
Product Type	Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MM74HC595MX or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The MM74HC595 high-speed shift register utilizes advanced silicon-gate CMOS technology. This device possesses the high noise immunity and low power consumption of standard CMOS integrated circuits, as well as the ability to drive 15 LS-TTL loads. This device contains an 8-bit serial-in, parallel-out shift register that feeds an 8-bit D-type storage register. The storage register has 8 3-STATE outputs. Separate clocks are provided for both the shift register and the storage register. The shift register has a direct-overriding clear, serial input, and serial output (standard) pins for cascading. Both the shift register and storage register use positive-edge triggered clocks. If both clocks are connected together, the shift register state will always be one clock pulse ahead of the storage register. The 74HC logic family is speed, function, and pin-out compatible with the standard 74LS logic family. All inputs are protected from damage due to static discharge by internal diode clamps to VCC and ground.

Application

ONSEMI

Related Products

MM74HC14MX

ON Semiconductor, LLC

SOIC-14

MM74HC595MTCX

ON Semiconductor, LLC

TSSOP-16

MM74HC08M

ON Semiconductor, LLC

SOIC14

MM74HC595M

ON Semiconductor, LLC

SOIC-16

[MM74HC14MTCX]

ON Semiconductor, LLC

TSSOP-14

[MM74HC175N]

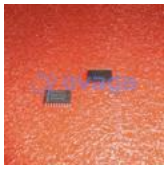
ON Semiconductor, LLC

PDIP-16

[MM74HC245AWMX]

ON Semiconductor, LLC

SOIC-20



[MM74HC540WM]

ON Semiconductor, LLC

SMD-20