

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

Manufacturers	<u>ON Semiconductor, LLC</u>
Package/Case	TSSOP-16
Product Type	Logic ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MM74HC595MTCX or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

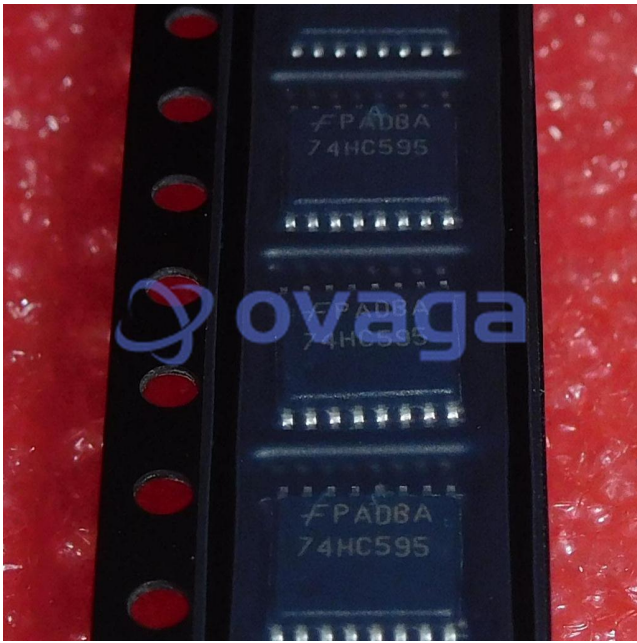
[RFQ](#)

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](#)

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SOIC-14



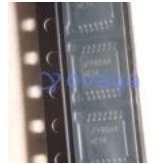
[MM74HC08M](#)

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[MM74HC14MTCX](#)

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TSSOP-14



[MM74HC175N](#)

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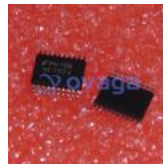
[MM74HC245AWMX](#)

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SOIC-20



[MM74HC540WM](#)

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