



Image may be representation.  
See specifications for product details.



## MC74VHC595DTR2G

Manufacturer Part Number	<b>MC74VHC595DTR2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MC74VHC595DTR2G
ECAD Model	Request Free CAD Models
Parts Description	IC SHIFT REG 8BIT 3ST 16-TSSOP
Package	16-TSSOP (0.173', 4.40mm Width)
Data sheet	<b>MC74VHC595.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MC74VHC595DTR2G - onsemi.New Original in Stock. Download Linear Technology MC74VHC595DTR2G datasheet/specifications on AllelcoElec.com.  
Request a quote for MC74VHC595DTR2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC74VHC595DTR2G Tech Specifications  
MC74VHC595DTR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-55°C ~ 125°C
Voltage - Supply	2V ~ 5.5V	Number of Elements	1
Supplier Device Package	16-TSSOP	Number of Bits per Element	8
Series	74VHC	Mounting Type	Surface Mount
Package / Case	16-TSSOP (0.173', 4.40mm Width)	Logic Type	Shift Register
Package	Tape & Reel (TR)	Function	Serial to Parallel, Serial
Output Type	Tri-State	Base Product Number	74VHC595

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC74VHC595DTR2G

Product Attribute				
Part Number	MC74VHC595DTR2G	<b>MC74VHC595DR2G</b>	<b>MC74VHC595DR2</b>	<b>MC74VHC74DR2G</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Output Type	Tri-State	Tri-State	-	Complementary
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Voltage - Supply	2V ~ 5.5V	2V ~ 5.5V	-	2V ~ 5.5V
Supplier Device Package	16-TSSOP	16-SOIC	-	14-SOIC
Number of Bits per Element	8	8	-	1
Series	74VHC	74VHC	*	74VHC
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-	-55°C ~ 125°C (TA)
Package / Case	16-TSSOP (0.173', 4.40mm Width)	16-SOIC (0.154', 3.90mm Width)	-	14-SOIC (0.154', 3.90mm Width)
Base Product Number	74VHC595	74VHC595	74VHC595	74VHC74
Logic Type	Shift Register	Shift Register	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Function	Serial to Parallel, Serial	Serial to Parallel, Serial	-	Set(Preset) and Reset
Number of Elements	1	1	-	2

### MC74VHC595DTR2G Datasheet PDF

Download MC74VHC595DTR2G pdf datasheets and onsemi documentation for MC74VHC595DTR2G - onsemi.

#### Datasheets

[MC74VHC595.pdf](#)

#### Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration MC74VHC595DTR2G.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

### Customers Also Interested in

#### Recommended Products

<b>MC74VHC74DR2G</b>	<b>MC74VHCT00ADR2</b>	<b>MC74VHC541DWR2</b>	<b>MC74VHC574DWR2</b>	<b>MC74VHC574DTR2</b>	<b>MC74VHC574DTR2G</b>
onsemi	onsemi	onsemi	onsemi	onsemi	onsemi
IC FF D-TYPE DUAL 1BIT 14SOIC	IC GATE NAND 4CH 2-INP 14SOIC	IC BUF NON-INVERT 5.5V 20SOIC	IC FF D-TYPE SNGL 8BIT 20SOIC	IC FF D-TYPE SNGL 8BIT 20TSSOP	IC FF D-TYPE SNGL 8BIT 20TSSOP

**MC74VHC74DR2**onsemi  
IC FF D-TYPE DUAL 1BIT 14SOIC**MC74VHC595DR2G**onsemi  
IC SHIFT REG 8BIT 3ST 16-SOIC**MC74VHC74DT**onsemi  
IC FF D-TYPE DUAL 1BIT 14TSSOP**MC74VHC74DTR2**onsemi  
IC FF D-TYPE DUAL 1BIT 14TSSOP**MC74VHC595DR2**onsemi  
SERIAL IN PARALLEL OUT**MC74VHCT00ADR2G**onsemi  
IC GATE NAND 4CH 2-INP 14SOIC**MC74VHC541DWR2G**onsemi  
IC BUF NON-INVERT 5.5V 20SOIC**MC74VHC573DWR2G**onsemi  
IC LATCH OCT NONINV 3ST 20SOIC**MC74VHC86DR2G**onsemi  
IC GATE XOR 4CH 2-INP 14SOIC**MC74VHC86DTR2G**onsemi  
IC GATE XOR 4CH 2-INP 14TSSOP**MC74VHC74DTG**onsemi  
IC FF D-TYPE DUAL 1BIT 14TSSOP**MC74VHC74DTR2G**onsemi  
IC FF D-TYPE DUAL 1BIT 14TSSOP

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

## Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

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Email

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## Certifications & Memberships



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