



Image may be representation.  
See specifications for product details.



## MC74VHC86DTR2G

Manufacturer Part Number	<b>MC74VHC86DTR2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MC74VHC86DTR2G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC GATE XOR 4CH 2-INP 14TSSOP
Package	14-TSSOP (0.173', 4.40mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
	<b>MC74VHC86.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MC74VHC86DTR2G - onsemi.New Original in Stock. Download Linear Technology MC74VHC86DTR2G datasheet/specifications on AllelcoElec.com.  
Request a quote for MC74VHC86DTR2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC74VHC86DTR2G Tech Specifications  
MC74VHC86DTR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	2V ~ 5.5V	Max Propagation Delay @ V, Max CL	8.8ns @ 5V, 50pF
Supplier Device Package	14-TSSOP	Logic Type	XOR (Exclusive OR)
Series	74VHC	Input Logic Level - Low	0.5V
Package / Case	14-TSSOP (0.173', 4.40mm Width)	Input Logic Level - High	1.5V
Package	Tape & Reel (TR)	Features	-
Operating Temperature	-55°C ~ 125°C	Current - Quiescent (Max)	2 µA
Number of Inputs	2	Current - Output High, Low	8mA, 8mA
Number of Circuits	4	Base Product Number	74VHC86

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC74VHC86DTR2G

Product Attribute				
Part Number	MC74VHC86DTR2G	MC74VHCT04ADTR2	MC74VHCT04ADTR2G	MC74VHCT02ADTR2
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Supply	2V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Current - Output High, Low	8mA, 8mA	8mA, 8mA	8mA, 8mA	8mA, 8mA
Input Logic Level - Low	0.5V	0.8V	0.8V	0.8V
Base Product Number	74VHC86	74VHCT04	74VHCT04	74VHCT02
Max Propagation Delay @ V, Max CL	8.8ns @ 5V, 50pF	7.7ns @ 5V, 50pF	7.7ns @ 5V, 50pF	7.5ns @ 5V, 50pF
Package / Case	14-TSSOP (0.173', 4.40mm Width)	14-TSSOP (0.173', 4.40mm Width)	14-TSSOP (0.173', 4.40mm Width)	14-TSSOP (0.173', 4.40mm Width)
Number of Circuits	4	6	6	4
Operating Temperature	-55°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Input Logic Level - High	1.5V	2V	2V	2V
Number of Inputs	2	1	1	2
Logic Type	XOR (Exclusive OR)	Inverter	Inverter	NOR Gate
Features	-	-	-	-
Series	74VHC	74VHCT	74VHCT	74VHCT
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	14-TSSOP	14-TSSOP	14-TSSOP	14-TSSOP
Current - Quiescent (Max)	2 µA	2 µA	2 µA	2 µA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

### MC74VHC86DTR2G Datasheet PDF

Download MC74VHC86DTR2G pdf datasheets and onsemi documentation for MC74VHC86DTR2G - onsemi.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration MC74VHC86DTR2G.pdf](#)



















#### PCN Assembly/Origin

[2.73KHz.pdf](#)

#### HTML Datasheet

## Customers Also Interested in

### Recommended Products

					
<b>MC74VHC74DR2G</b> onsemi IC FF D-TYPE DUAL 1BIT 14SOIC	<b>MC74VHC74DT</b> onsemi IC FF D-TYPE DUAL 1BIT 14TSSOP	<b>MC74VHCT04ADR2</b> onsemi IC INVERTER 6CH 1-INP 14TSSOP	<b>MC74VHCT04ADR2G</b> onsemi IC INVERTER 6CH 1-INP 14TSSOP	<b>MC74VHCT02ADR2</b> onsemi IC GATE NOR 4CH 2-INP 14TSSOP	<b>MC74VHCT04ADR2</b> onsemi IC INVERTER 6CH 1-INP 14SOIC
					
<b>MC74VHC595DR2G</b> onsemi IC SHIFT REG 8BIT 3ST 16-SOIC	<b>MC74VHC74DTR2G</b> onsemi IC FF D-TYPE DUAL 1BIT 14TSSOP	<b>MC74VHC74DR2</b> onsemi IC FF D-TYPE DUAL 1BIT 14SOIC	<b>MC74VHC74DTR2</b> onsemi IC FF D-TYPE DUAL 1BIT 14TSSOP	<b>MC74VHCT04ADT</b> onsemi INVERTER	<b>MC74VHC595DTR2G</b> onsemi IC SHIFT REG 8BIT 3ST 16-TSSOP
					
<b>MC74VHC86DR2G</b> onsemi IC GATE XOR 4CH 2-INP 14SOIC	<b>MC74VHC74DTG</b> onsemi IC FF D-TYPE DUAL 1BIT 14TSSOP	<b>MC74VHCT00ADR2G</b> onsemi IC GATE NAND 4CH 2-INP 14TSSOP	<b>MC74VHCT00ADR2G</b> onsemi IC GATE NAND 4CH 2-INP 14SOIC	<b>MC74VHCT04ADR2G</b> onsemi IC INVERTER 6CH 1-INP 14SOIC	<b>MC74VHCT00ADR2</b> onsemi IC GATE NAND 4CH 2-INP 14SOIC

## 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 +00852 9146 4856	Email info@allelco.com

### Certifications & Memberships



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