

Image may be representation.  
See specifications for product details.



## MC74VHC86DR2G

Manufacturer Part Number	<b>MC74VHC86DR2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MC74VHC86DR2G
ECAD Model	Request Free CAD Models
Parts Description	IC GATE XOR 4CH 2-INP 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
	<b>MC74VHC86.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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MC74VHC86DR2G - onsemi.New Original in Stock. Download Linear Technology MC74VHC86DR2G datasheet/specifications on AllelcoElec.com.  
Request a quote for MC74VHC86DR2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC74VHC86DR2G Tech Specifications  
MC74VHC86DR2G - 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-SOIC	Logic Type	XOR (Exclusive OR)
Series	74VHC	Input Logic Level - Low	0.5V
Package / Case	14-SOIC (0.154", 3.90mm 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 MC74VHC86DR2G

Product Attribute				
Part Number	MC74VHC86DR2G	MC74VHCT04ADT	MC74VHCT02ADTR2	MC74VHCT04ADR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Features	-	-	-	-
Series	74VHC	*	74VHCT	74VHCT
Operating Temperature	-55°C ~ 125°C	-	-40°C ~ 85°C	-40°C ~ 85°C
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply	2V ~ 5.5V	-	4.5V ~ 5.5V	4.5V ~ 5.5V
Supplier Device Package	14-SOIC	-	14-TSSOP	14-SOIC
Current - Output High, Low	8mA, 8mA	-	8mA, 8mA	8mA, 8mA
Input Logic Level - Low	0.5V	-	0.8V	0.8V
Logic Type	XOR (Exclusive OR)	-	NOR Gate	Inverter
Max Propagation Delay @ V, Max CL	8.8ns @ 5V, 50pF	-	7.5ns @ 5V, 50pF	7.7ns @ 5V, 50pF
Base Product Number	74VHC86	74VHCT04	74VHCT02	74VHCT04
Number of Inputs	2	-	2	1
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Number of Circuits	4	-	4	6
Package / Case	14-SOIC (0.154", 3.90mm Width)	-	14-TSSOP (0.173", 4.40mm Width)	14-SOIC (0.154", 3.90mm Width)
Input Logic Level - High	1.5V	-	2V	2V
Current - Quiescent (Max)	2 µA	-	2 µA	2 µA

### MC74VHC86DR2G Datasheet PDF

Download MC74VHC86DR2G pdf datasheets and onsemi documentation for MC74VHC86DR2G - onsemi.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Environmental Information

[onsemi RoHS.pdf](#)

[Material Declaration MC74VHC86DR2G.pdf](#)

#### PCN Assembly/Origin



















[2.73KHz.pdf](#)

#### HTML Datasheet

[HTML Datasheet](#)

## Customers Also Interested in

### Recommended Products

					
<b>MC74VHCT04ADT</b> onsemi INVERTER	<b>MC74VHCT02ADR2</b> onsemi IC GATE NOR 4CH 2-INP 14TSSOP	<b>MC74VHC74DTR2G</b> onsemi IC FF D-TYPE DUAL 1BIT 14TSSOP	<b>MC74VHCT04ADR2G</b> onsemi IC INVERTER 6CH 1-INP 14SOIC	<b>MC74VHCT00ADR2G</b> onsemi IC GATE NAND 4CH 2-INP 14TSSOP	<b>MC74VHC86DTR2G</b> onsemi IC GATE XOR 4CH 2-INP 14TSSOP
					
<b>MC74VHC74DR2G</b> onsemi IC FF D-TYPE DUAL 1BIT 14SOIC	<b>MC74VHC74DTR2</b> onsemi IC FF D-TYPE DUAL 1BIT 14TSSOP	<b>MC74VHCT04ADR2</b> onsemi IC INVERTER 6CH 1-INP 14TSSOP	<b>MC74VHC595DTR2G</b> onsemi IC SHIFT REG 8BIT 3ST 16-TSSOP	<b>MC74VHC74DTG</b> onsemi IC FF D-TYPE DUAL 1BIT 14TSSOP	<b>MC74VHC595DR2</b> onsemi SERIAL IN PARALLEL OUT
					
<b>MC74VHCT00ADR2G</b> onsemi IC GATE NAND 4CH 2-INP 14SOIC	<b>MC74VHC595DR2G</b> onsemi IC SHIFT REG 8BIT 3ST 16-SOIC	<b>MC74VHC74DR2</b> onsemi IC FF D-TYPE DUAL 1BIT 14SOIC	<b>MC74VHCT04ADR2</b> onsemi IC INVERTER 6CH 1-INP 14SOIC	<b>MC74VHC74DT</b> onsemi IC FF D-TYPE DUAL 1BIT 14TSSOP	<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.

	
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### Certifications & Memberships



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### Contact us

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