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See specifications for product details.



## MC74VHCT08ADR2G

Manufacturer Part Number **MC74VHCT08ADR2G**

Manufacturer **onsemi**

Allelco Part Number **32D-MC74VHCT08ADR2G**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC GATE AND 4CH 2-INP 14SOIC**

Package **14-SOIC (0.154", 3.90mm Width)**

Data sheet **MC74VHCT08A.pdf**

**MC74VHCT08A.pdf**

RoHs Status **ROHS3 Compliant**

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### Specifications

MC74VHCT08ADR2G Tech Specifications

MC74VHCT08ADR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	4.5V ~ 5.5V	Max Propagation Delay @ V, Max CL	7.9ns @ 5V, 50pF
Supplier Device Package	14-SOIC	Logic Type	AND Gate
Series	74VHCT	Input Logic Level - Low	0.8V
Package / Case	14-SOIC (0.154", 3.90mm Width)	Input Logic Level - High	2V
Package	Tape & Reel (TR)	Features	-
Operating Temperature	-40°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	74VHCT08

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC74VHCT08ADR2G

Product Attribute				
Part Number	MC74VHCT08ADR2G	MC74VHCT04ADR2G	MC74VHCT08ADTR2G	MC74VHCT08AM
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Quiescent (Max)	2 µA	2 µA	2 µA	2 µA
Supplier Device Package	14-SOIC	14-SOIC	14-TSSOP	SOEIAJ-14
Input Logic Level - Low	0.8V	0.8V	0.8V	0.8V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Max Propagation Delay @ V, Max CL	7.9ns @ 5V, 50pF	7.7ns @ 5V, 50pF	7.9ns @ 5V, 50pF	7.9ns @ 5V, 50pF
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V	4.5V ~ 5.5V
Logic Type	AND Gate	Inverter	AND Gate	AND Gate
Number of Inputs	2	1	2	2
Number of Circuits	4	6	4	4
Base Product Number	74VHCT08	74VHCT04	74VHCT08	74VHCT08
Package / Case	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)	14-SOIC (0.209", 5.30mm Width)
Features	-	-	-	-
Current - Output High, Low	8mA, 8mA	8mA, 8mA	8mA, 8mA	8mA, 8mA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 125°C
Series	74VHCT	74VHCT	74VHCT	74VHCT
Input Logic Level - High	2V	2V	2V	2V

### MC74VHCT08ADR2G Datasheet PDF

Download MC74VHCT08ADR2G pdf datasheets and onsemi documentation for MC74VHCT08ADR2G - onsemi.

#### Datasheets

[MC74VHCT08A.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

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[Material Declaration MC74VHCT08ADR2G.pdf](#)

#### HTML Datasheet

[MC74VHCT08A.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>MC74VHCT04ADR2G</b> onsemi IC INVERTER 6CH 1-INP 14SOIC	<b>MC74VHCT08ADR2G</b> onsemi IC GATE AND 4CH 2-INP 14TSSOP	<b>MC74VHCT08AM</b> onsemi IC GATE AND 4CH 2-INP SOEIAJ-14	<b>MC74VHCT04DTR2G</b> AMI Semiconductor/onsemi	<b>MC74VHCT125ADR2G</b> onsemi IC BUF NON-INVERT 5.5V 14SOIC	<b>MC74VHCT00ADR2G</b> onsemi IC GATE NAND 4CH 2-INP 14SOIC
					
<b>MC74VHCT04ADR2G</b> onsemi IC INVERTER 6CH 1-INP 14TSSOP	<b>MC74VHCT04ADR2</b> onsemi IC INVERTER 6CH 1-INP 14SOIC	<b>MC74VHCT132ADTRG</b> onsemi IC GATE NAND SCHMITT 4CH 14TSSOP	<b>MC74VHCT04ADR2</b> onsemi IC INVERTER 6CH 1-INP 14TSSOP	<b>MC74VHCT125ADR2</b> AMI Semiconductor/onsemi	<b>MC74VHCT00ADR2G</b> onsemi IC GATE NAND 4CH 2-INP 14TSSOP
					
<b>MC74VHCT00ADR2</b> onsemi IC GATE NAND 4CH 2-INP 14TSSOP	<b>MC74VHCT125ADTRG</b> onsemi IC BUF NON-INVERT 5.5V 14TSSOP	<b>MC74VHCT125AD</b> AMI Semiconductor/onsemi	<b>MC74VHCT04ADT</b> onsemi INVERTER	<b>MC74VHCT02ADR2</b> onsemi IC GATE NOR 4CH 2-INP 14TSSOP	<b>MC74VHCT08ADR2</b> onsemi IC GATE AND 4CH 2-INP 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

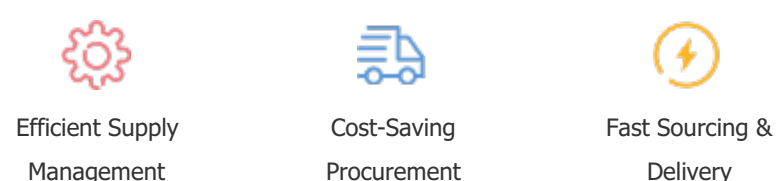
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### 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 -



Contact us if you have any questions.



### Certifications & Memberships



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