

Image may be representation.  
See specifications for product details.

## MC74HC86ADTR2G

|                          |                                 |
|--------------------------|---------------------------------|
| Manufacturer Part Number | <b>MC74HC86ADTR2G</b>           |
| Manufacturer             | <b>onsemi</b>                   |
| Allelco Part Number      | 32D-MC74HC86ADTR2G              |
| ECAD Model               | Request Free CAD Models         |
| Parts Description        | IC GATE XOR 4CH 2-INP 14TSSOP   |
| Package                  | 14-TSSOP (0.173", 4.40mm Width) |
| Data sheet               | <b>MC74HC86A.pdf</b>            |
| RoHs Status              | <b>ROHS3 Compliant</b>          |

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MC74HC86ADTR2G - onsemi.New Original in Stock. Download Linear Technology MC74HC86ADTR2G datasheet/specifications on AllelcoElec.com.  
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### Specifications

MC74HC86ADTR2G Tech Specifications  
MC74HC86ADTR2G - onsemi technical specifications, attributes, parameters

| Product Attribute       | Attribute Value                 | Product Attribute                 | Attribute Value    |
|-------------------------|---------------------------------|-----------------------------------|--------------------|
| Manufacturer            | onsemi                          | Mounting Type                     | Surface Mount      |
| Voltage - Supply        | 2V ~ 6V                         | Max Propagation Delay @ V, Max CL | 17ns @ 6V, 50pF    |
| Supplier Device Package | 14-TSSOP                        | Logic Type                        | XOR (Exclusive OR) |
| Series                  | 74HC                            | Input Logic Level - Low           | 0.5V ~ 1.8V        |
| Package / Case          | 14-TSSOP (0.173", 4.40mm Width) | Input Logic Level - High          | 1.5V ~ 4.2V        |
| Package                 | Tape & Reel (TR)                | Features                          | -                  |
| Operating Temperature   | -55°C ~ 125°C                   | Current - Quiescent (Max)         | 1 µA               |
| Number of Inputs        | 2                               | Current - Output High, Low        | 5.2mA, 5.2mA       |
| Number of Circuits      | 4                               | Base Product Number               | 74HC86             |

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC74HC86ADTR2G

| Product Attribute                 |                                 |                                |                                |                         |
|-----------------------------------|---------------------------------|--------------------------------|--------------------------------|-------------------------|
| Part Number                       | MC74HC86ADTR2G                  | MC74HC86AD                     | MC74HC86ADG                    | MC74HC86AN              |
| Manufacturer                      | onsemi                          | onsemi                         | onsemi                         | onsemi                  |
| Logic Type                        | XOR (Exclusive OR)              | XOR (Exclusive OR)             | XOR (Exclusive OR)             | XOR (Exclusive OR)      |
| Features                          | -                               | -                              | -                              | -                       |
| Mounting Type                     | Surface Mount                   | Surface Mount                  | Surface Mount                  | Through Hole            |
| Voltage - Supply                  | 2V ~ 6V                         | 2V ~ 6V                        | 2V ~ 6V                        | 2V ~ 6V                 |
| Input Logic Level - High          | 1.5V ~ 4.2V                     | 1.5V ~ 4.2V                    | 1.5V ~ 4.2V                    | 1.5V ~ 4.2V             |
| Package                           | Tape & Reel (TR)                | Tube                           | Tube                           | Tube                    |
| Supplier Device Package           | 14-TSSOP                        | 14-SOIC                        | 14-SOIC                        | 14-PDIP                 |
| Input Logic Level - Low           | 0.5V ~ 1.8V                     | 0.5V ~ 1.8V                    | 0.5V ~ 1.8V                    | 0.5V ~ 1.8V             |
| Number of Circuits                | 4                               | 4                              | 4                              | 4                       |
| Current - Output High, Low        | 5.2mA, 5.2mA                    | 5.2mA, 5.2mA                   | 5.2mA, 5.2mA                   | 5.2mA, 5.2mA            |
| Max Propagation Delay @ V, Max CL | 17ns @ 6V, 50pF                 | 17ns @ 6V, 50pF                | 17ns @ 6V, 50pF                | 17ns @ 6V, 50pF         |
| Current - Quiescent (Max)         | 1 µA                            | 1 µA                           | 1 µA                           | 1 µA                    |
| Base Product Number               | 74HC86                          | 74HC86                         | 74HC86                         | 74HC86                  |
| Series                            | 74HC                            | 74HC                           | 74HC                           | 74HC                    |
| Operating Temperature             | -55°C ~ 125°C                   | -55°C ~ 125°C                  | -55°C ~ 125°C                  | -55°C ~ 125°C           |
| Package / Case                    | 14-TSSOP (0.173", 4.40mm Width) | 14-SOIC (0.154", 3.90mm Width) | 14-SOIC (0.154", 3.90mm Width) | 14-DIP (0.300", 7.62mm) |
| Number of Inputs                  | 2                               | 2                              | 2                              | 2                       |

### MC74HC86ADTR2G Datasheet PDF

Download MC74HC86ADTR2G pdf datasheets and onsemi documentation for MC74HC86ADTR2G - onsemi.

#### Datasheets

[MC74HC86A.pdf](#)

#### Environmental Information

















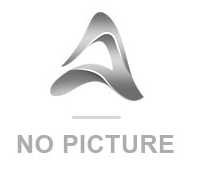

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[Material Declaration MC74HC86ADTR2G.pdf](#)

### Customers Also Interested in

#### Recommended Products

|   |  |   |  |   |   |
|---|--|---|--|---|---|
|   |    |   |   |   |   |
| <b>MC74HC86AD</b><br>onsemi<br>IC GATE XOR 4CH 2-INP 14-SOIC                      | <b>MC74HC86AG</b><br>AMI Semiconductor/onsemi                                      | <b>MC74HC86ADG</b><br>onsemi<br>IC GATE XOR 4CH 2-INP 14SOIC                      | <b>MC74HC86AN</b><br>onsemi<br>IC GATE XOR 4CH 2-INP 14DIP                         | <b>MC74HC86AFELG</b><br>onsemi<br>IC GATE XOR 4CH 2-INP SOEIAJ-14                   | <b>MC74HC85N</b><br>MOTOROLA  |
|  |   |  |  |  |  |
| <b>MC74HC86AF</b><br>onsemi<br>IC GATE XOR 4CH 2-INP SOEIAJ-14                    | <b>MC74HC86ADR2G</b><br>Fairchild Semiconductor<br>XOR GATE, HC/UH SERIES, 4-FUNC, | <b>MC74HC86ADR2G</b><br>onsemi<br>IC GATE XOR 4CH 2-INP 14SOIC                    | <b>MC74HC76N</b><br>MOTOROLA   | <b>MC74HC86ADR2</b><br>onsemi<br>IC GATE XOR 4CH 2-INP 14-SOIC                      | <b>MC74HC86D</b><br>MOTOROLA  |
|  |   |  |  |  |  |
| <b>MC74HC86N</b><br>MOTOROLA  | <b>MC74HC86DR2</b><br>MC   | <b>MC74HC75DR2</b><br>AMI Semiconductor/onsemi                                    | <b>MC74HC86AFEL</b><br>onsemi<br>IC GATE XOR 4CH 2-INP SOEIAJ-14                   | <b>MC74HC75FEL</b><br>MOTOROLA  | <b>MC74HC85</b><br>MOTOROLA   |

## 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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