

Image may be representation.  
See specifications for product details.



## MC74HC174ADR2G

Manufacturer Part Number	<b>MC74HC174ADR2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MC74HC174ADR2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC FF D-TYPE SNGL 6BIT 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	<b>MC74HC174A.pdf</b>
	<b>MC74HC174A.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

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MC74HC174ADR2G - onsemi.New Original in Stock. Download Linear Technology MC74HC174ADR2G datasheet/specifications on AllelcoElec.com.  
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### Specifications

MC74HC174ADR2G Tech Specifications  
MC74HC174ADR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Number of Elements	1
Voltage - Supply	2V ~ 6V	Number of Bits per Element	6
Type	D-Type	Mounting Type	Surface Mount
Trigger Type	Positive Edge	Max Propagation Delay @ V, Max CL	19ns @ 6V, 50pF
Supplier Device Package	16-SOIC	Input Capacitance	10 pF
Series	74HC	Function	Reset
Package / Case	16-SOIC (0.154", 3.90mm Width)	Current - Quiescent (Iq)	4 µA
Package	Tape & Reel (TR)	Current - Output High, Low	5.2mA, 5.2mA
Output Type	Non-Inverted	Clock Frequency	35 MHz
Operating Temperature	-55°C ~ 125°C (TA)	Base Product Number	74HC174

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC74HC174ADR2G

Product Attribute				
Part Number	MC74HC174ADR2G	MC74HC175AD	MC74HC174ADTR2G	MC74HC174AD
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Supply	2V ~ 6V	2V ~ 6V	2V ~ 6V	2V ~ 6V
Max Propagation Delay @ V, Max CL	19ns @ 6V, 50pF	22ns @ 6V, 50pF	19ns @ 6V, 50pF	19ns @ 6V, 50pF
Clock Frequency	35 MHz	35 MHz	35 MHz	35 MHz
Function	Reset	Master Reset	Reset	Reset
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Trigger Type	Positive Edge	Positive Edge	Positive Edge	Positive Edge
Package / Case	16-SOIC (0.154", 3.90mm Width)	16-SOIC (0.154", 3.90mm Width)	16-TSSOP (0.173", 4.40mm Width)	16-SOIC (0.154", 3.90mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Type	Non-Inverted	Complementary	Non-Inverted	Non-Inverted
Number of Bits per Element	6	4	6	6
Number of Elements	1	1	1	1
Current - Quiescent (Iq)	4 µA	4 µA	4 µA	4 µA
Type	D-Type	D-Type	D-Type	D-Type
Series	74HC	74HC	74HC	74HC
Operating Temperature	-55°C ~ 125°C (TA)	-55°C ~ 125°C (TA)	-55°C ~ 125°C (TA)	-55°C ~ 125°C (TA)
Current - Output High, Low	5.2mA, 5.2mA	5.2mA, 5.2mA	5.2mA, 5.2mA	5.2mA, 5.2mA
Supplier Device Package	16-SOIC	16-SOIC	16-TSSOP	16-SOIC
Base Product Number	74HC174	74HC175	74HC174	74HC174
Input Capacitance	10 pF	10 pF	10 pF	10 pF

### MC74HC174ADR2G Datasheet PDF

Download MC74HC174ADR2G pdf datasheets and onsemi documentation for MC74HC174ADR2G - onsemi.

#### Datasheets

[MC74HC174A.pdf](#)

#### Environmental Information






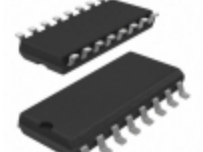












[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### HTML Datasheet

## Customers Also Interested in

### Recommended Products

					
<b>MC74HC175AD</b> onsemi IC FF D-TYPE SNGL 4BIT 16SOIC	<b>MC74HC165ANG</b> onsemi IC SHIFT REGISTER 8BIT 16DIP	<b>MC74HC165ADTR2G</b> onsemi IC SHIFT REGISTER 8BIT 16-TSSOP	<b>MC74HC174ADTR2G</b> onsemi IC FF D-TYPE SNGL 6BIT 16TSSOP	<b>MC74HC174AD</b> onsemi IC FF D-TYPE SNGL 6BIT 16SOIC	<b>MC74HC174AFELG</b> onsemi IC FF D-TYPE SNGL 6BIT 16SOEIAJ
					
<b>MC74HC174AN</b> onsemi IC FF D-TYPE SNGL 6BIT 16DIP	<b>MC74HC174AF</b> onsemi IC FF D-TYPE SNGL 6BIT 16SOEIAJ	<b>MC74HC173N</b> onsemi IC FF D-TYPE SNGL 4BIT 16DIP	<b>MC74HC165ADR</b> Texas Instruments	<b>MC74HC174ADR2</b> onsemi IC FLIP FLOP HEX CLOCK D 16SOIC	<b>MC74HC165DR2</b> onsemi 8 BIT SERIAL OR PARALLEL INPUT/S
					
<b>MC74HC174AFL</b> MOTOROLA	<b>MC74HC165N</b> MOTOROLA	<b>MC74HC174ADR2</b> onsemi IC FF D-TYPE SNGL 6BIT 16TSSOP	<b>MC74HC174AFEL</b> AMI Semiconductor/onsemi	<b>MC74HC173DR2</b> MOTOROLA	<b>MC74HC165ADR2G</b> onsemi IC SHIFT REGISTER 8BIT 16SOIC

## 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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