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See specifications for product details.

MC74HC74ADTR2

Manufacturer Part Number	MC74HC74ADTR2
Manufacturer	onsemi
Allelco Part Number	32D-MC74HC74ADTR2
ECAD Model	Request Free CAD Models
Parts Description	IC FF D-TYPE DUAL 1BIT 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	Cylindrical Battery Holders.pdf MC74HC74A.pdf

Get a Quote



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Specifications

MC74HC74ADTR2 Tech Specifications
MC74HC74ADTR2 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Number of Elements	2
Voltage - Supply	2V ~ 6V	Number of Bits per Element	1
Type	D-Type	Mounting Type	Surface Mount
Trigger Type	Positive Edge	Max Propagation Delay @ V, Max CL	17ns @ 6V, 50pF
Supplier Device Package	14-TSSOP	Input Capacitance	10 pF
Series	74HC	Function	Set(Preset) and Reset
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Current - Quiescent (Iq)	2 µA
Package	Tape & Reel (TR)	Current - Output High, Low	5.2mA, 5.2mA
Output Type	Complementary	Clock Frequency	35 MHz
Operating Temperature	-55°C ~ 125°C (TA)	Base Product Number	74HC74

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC74HC74ADTR2

Product Attribute				
Part Number	MC74HC74ADTR2	MC74HC74ADR2G	MC74HC73ADTR2G	MC74HC74AD
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Quiescent (Iq)	2 µA	2 µA	4 µA	2 µA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Number of Elements	2	2	2	2
Series	74HC	74HC	74HC	74HC
Supplier Device Package	14-TSSOP	14-SOIC	14-TSSOP	14-SOIC
Voltage - Supply	2V ~ 6V	2V ~ 6V	2V ~ 6V	2V ~ 6V
Operating Temperature	-55°C ~ 125°C (TA)	-55°C ~ 125°C (TA)	-55°C ~ 125°C (TA)	-55°C ~ 125°C (TA)
Output Type	Complementary	Complementary	Complementary	Complementary
Package / Case	14-TSSOP (0.173", 4.40mm Width)	14-SOIC (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)	14-SOIC (0.154", 3.90mm Width)
Trigger Type	Positive Edge	Positive Edge	Negative Edge	Positive Edge
Function	Set(Preset) and Reset	Set(Preset) and Reset	Reset	Set(Preset) and Reset
Base Product Number	74HC74	74HC74	74HC73	74HC74
Clock Frequency	35 MHz	35 MHz	35 MHz	35 MHz
Type	D-Type	D-Type	JK Type	D-Type
Max Propagation Delay @ V, Max CL	17ns @ 6V, 50pF	17ns @ 6V, 50pF	21ns @ 6V, 50pF	17ns @ 6V, 50pF
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input Capacitance	10 pF	10 pF	10 pF	10 pF
Current - Output High, Low	5.2mA, 5.2mA	5.2mA, 5.2mA	5.2mA, 5.2mA	5.2mA, 5.2mA
Number of Bits per Element	1	1	1	1

MC74HC74ADTR2 Datasheet PDF

Download MC74HC74ADTR2 pdf datasheets and onsemi documentation for MC74HC74ADTR2 - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information


















[onsemi RoHS.pdf](#)

PCN Obsolescence/ EOL

HTML Datasheet

Customers Also Interested in

Recommended Products

 MC74HC74ADR2G onsemi IC FF D-TYPE DUAL 1BIT 14SOIC	 MC74HC73ADR2G onsemi IC FF JK TYPE DUAL 1BIT 14TSSOP	 MC74HC7266N MOTOROLA	 MC74HC74AD onsemi IC FLIP FLOP DUAL D S/R 14-SOIC	 MC74HC74ADR2 onsemi IC FLIP FLOP DUAL SET/RST 14SOIC	 MC74HC74AFEL onsemi IC FF D-TYPE DUAL 1BIT 14SOEIAJ
 MC74HC74AN onsemi IC FLIP FLOP DUAL SET/RST 14DIP	 MC74HC75DR2 AMI Semiconductor/onsemi	 MC74HC74ADG onsemi IC FF D-TYPE DUAL 1BIT 14SOIC	 MC74HC73ADR2G onsemi IC FF JK TYPE DUAL 1BIT 14SOIC	 MC74HC74ADT onsemi IC FF D-TYPE DUAL 1BIT 14TSSOP	 MC74HC74ADR2G onsemi IC FF D-TYPE DUAL 1BIT 14TSSOP
 MC74HC74PEL MOTOROLA	 MC74HC74N MOTOROLA	 MC74HC73N MOTOROLA	 MC74HC74AF onsemi IC FF D-TYPE DUAL 1BIT 14SOEIAJ	 MC74HC74A AMI Semiconductor/onsemi	 MC74HC74AFELG onsemi IC FF D-TYPE DUAL 1BIT 14SOEIAJ

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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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