



Image may be representation.  
See specifications for product details.



## 74VHC74TTR

Manufacturer Part Number	<b>74VHC74TTR</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-74VHC74TTR
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	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

74VHC74TTR - STMicroelectronics.New Original in Stock. Download Linear Technology 74VHC74TTR datasheet/specifications on AllelcoElec.com.  
Request a quote for 74VHC74TTR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

74VHC74TTR Tech Specifications  
74VHC74TTR - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Number of Elements	2
Voltage - Supply	2V ~ 5.5V	Number of Bits per Element	1
Type	D-Type	Mounting Type	Surface Mount
Trigger Type	Positive Edge	Max Propagation Delay @ V, Max CL	9.3ns @ 5V, 50pF
Supplier Device Package	14-TSSOP	Input Capacitance	7 pF
Series	74VHC	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	8mA, 8mA
Output Type	Complementary	Clock Frequency	115 MHz
Operating Temperature	-55°C ~ 125°C (TA)	Base Product Number	74VHC74

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics 74VHC74TTR

Product Attribute				
Part Number	74VHC74TTR	<b>74VHC74MX</b>	<b>74VHC74SJK</b>	<b>74VHC74SJ</b>
Manufacturer	STMicroelectronics	onsemi	Fairchild Semiconductor	Fairchild Semiconductor
Operating Temperature	-55°C ~ 125°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Clock Frequency	115 MHz	115 MHz	115 MHz	115 MHz
Voltage - Supply	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Input Capacitance	7 pF	4 pF	4 pF	4 pF
Type	D-Type	D-Type	D-Type	D-Type
Supplier Device Package	14-TSSOP	14-SOIC	14-SOP	14-SOP
Function	Set(Preset) and Reset	Set(Preset) and Reset	Set(Preset) and Reset	Set(Preset) and Reset
Trigger Type	Positive Edge	Positive Edge	Positive Edge	Positive Edge
Number of Elements	2	2	2	2
Current - Output High, Low	8mA, 8mA	8mA, 8mA	8mA, 8mA	8mA, 8mA
Max Propagation Delay @ V, Max CL	9.3ns @ 5V, 50pF	9.3ns @ 5V, 50pF	9.3ns @ 5V, 50pF	9.3ns @ 5V, 50pF
Output Type	Complementary	Complementary	Complementary	Complementary
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	74VHC	74VHC	74VHC	74VHC
Base Product Number	74VHC74	74VHC74	74VHC74	74VHC74
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Bulk
Package / Case	14-TSSOP (0.173", 4.40mm Width)	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.209", 5.30mm Width)	14-SOIC (0.209", 5.30mm Width)
Number of Bits per Element	1	1	1	1
Current - Quiescent (Iq)	2 µA	2 µA	2 µA	2 µA

### 74VHC74TTR Datasheet PDF

Download 74VHC74TTR pdf datasheets and STMicroelectronics documentation for 74VHC74TTR - STMicroelectronics.

#### Datasheets

Cylindrical Battery Holders.pdf

### Customers Also Interested in

#### Recommended Products

**74VHC74MX**

onsemi  
IC FF D-TYPE DUAL 1BIT 14SOIC

**74VHC86MTCX**

onsemi  
IC GATE XOR 4CH 2-INP 14SSOP

**74VHC86SJX**

Fairchild Semiconductor  
IC GATE XOR 4CH 2-INP 14SOP

**74VHC86SJX**

onsemi  
IC GATE XOR 4CH 2-INP 14SOP

**74VHC74SJX**

Fairchild Semiconductor  
IC FF D-TYPE DUAL 1BIT 14SOP

**74VHC86SJ**

onsemi  
IC GATE XOR 4CH 2-INP 14SOP

**74VHC74SJ**

Fairchild Semiconductor  
IC FF D-TYPE DUAL 1BIT 14SOP

**74VHC86MX**

onsemi  
IC GATE XOR 4CH 2-INP 14SOIC

**74VHC74MX-NL**

Fairchild (onsemi)

**74VHC74SJ**

onsemi  
IC FF D-TYPE DUAL 1BIT 14SOP

**74VHC74N**

onsemi  
IC FF D-TYPE DUAL 1BIT 14DIP

**74VHC74MTCX**

onsemi  
IC FF D-TYPE DUAL 1BIT 14SSOP

**74VHC86MTCX**

Fairchild Semiconductor  
XOR GATE, AHC/VHC SERIES, 4-FUNC

**74VHC86SJ**

Fairchild Semiconductor  
IC GATE XOR 4CH 2-INP 14SOP

**74VHC86FT**

Toshiba Semiconductor and Storage  
IC GATE XOR 4CH 2-INP 14TSSOP

**74VHC74N**

Fairchild Semiconductor  
IC FF D-TYPE DUAL 1BIT 14DIP

**74VHC74MTCX**

Fairchild Semiconductor  
IC FF D-TYPE DUAL 1BIT 14TSSOP

**74VHC74SJX**

onsemi  
IC FF D-TYPE DUAL 1BIT 14SOP

## 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



[View More](#)