



ON Semiconductor®



AMI Semiconductor / ON

74VHC74MTC

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| Part Number: | 74VHC74MTC |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor |
| Product description: | IC FF D-TYPE DUAL 1BIT 14TSSOP |
| Datasheets: |  74VHC74MTC.pdf |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Semiconductor

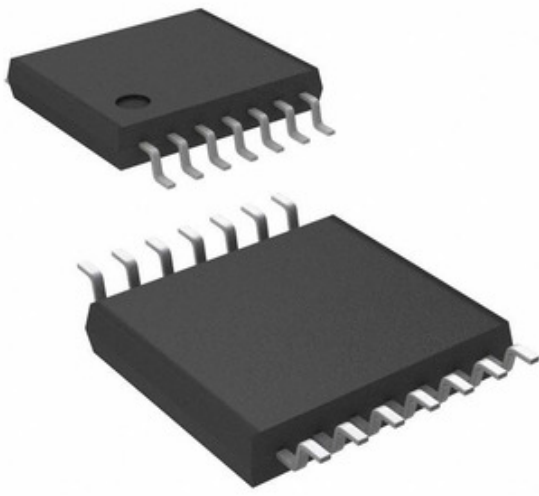



Image may be representation. See specifications for product details.



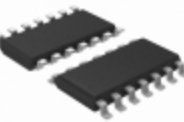





Specifications of 74VHC74MTC

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|-----------------------------------|--|
| PART NUMBER | 74VHC74MTC |
| MANUFACTURER | AMI Semiconductor / ON Semiconductor |
| DESCRIPTION | IC FF D-TYPE DUAL 1BIT 14TSSOP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET |  74VHC74MTC.pdf |
| VOLTAGE - SUPPLY | 2 V ~ 5.5 V |
| TYPE | D-Type |
| TRIGGER TYPE | Positive Edge |
| SERIES | 74VHC |
| PACKAGING | Tube |
| PACKAGE / CASE | 14-TSSOP (0.173", 4.40mm Width) |
| OUTPUT TYPE | Differential |
| OPERATING TEMPERATURE | -40°C ~ 85°C (TA) |
| NUMBER OF ELEMENTS | 2 |
| NUMBER OF BITS PER ELEMENT | 1 |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| MAX PROPAGATION DELAY @ V, MAX CL | 9.3ns @ 5V, 50pF |
| MANUFACTURER STANDARD LEAD TIME | 9 Weeks |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| INPUT CAPACITANCE | 4pF |
| FUNCTION | Set(Preset) and Reset |
| CURRENT - QUIESCENT (IQ) | 2µA |
| CURRENT - OUTPUT HIGH, LOW | 8mA, 8mA |
| CLOCK FREQUENCY | 115MHz |
| BASE PART NUMBER | 74VHC74 |

Related Tags

| | | |
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| Catalyst Semiconductor / ON Semiconductor 74VHC74MTC | PulseCore Semiconductor / ON Semiconductor 74VHC74MTC | Sanyo Semiconductor / ON Semiconductor 74VHC74MTC |

Related Products

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|  <p>74VHC74M Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC FF D-TYPE DUAL 1BIT 14SOIC In stock: Out stock RFQ</p> |  <p>74VHC595SJX Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC SHIFT REGISTER 8BIT 16SOP In stock: Out stock RFQ</p> |
|  <p>74VHC74MTCX Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC FF D-TYPE DUAL 1BIT 14TSSOP In stock: Out stock RFQ</p> |  <p>74VHC74MX Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC FF D-TYPE DUAL 1BIT 14SOIC In stock: Out stock RFQ</p> |
|  <p>74VHC74SJX Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC FF D-TYPE DUAL 1BIT 14SOIC In stock: Out stock RFQ</p> |  <p>74VHC74N Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC FF D-TYPE DUAL 1BIT 14DIP In stock: Out stock RFQ</p> |
|  <p>74VHC74TTR Manufacturers: STMicroelectronics Description: IC FF D-TYPE DUAL 1BIT 14TSSOP In stock: Out stock RFQ</p> |  <p>74VHC74FT Manufacturers: Toshiba Semiconductor and Storage Description: IC FF D-TYPE DUAL 1BIT 14TSSOP In stock: Out stock RFQ</p> |
|  <p>74VHC595PW-Q100J Manufacturers: Nexperia Description: IC SHIFT REG 8BIT SISO In stock: Out stock RFQ</p> |  <p>74VHC74SJ Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC FF D-TYPE DUAL 1BIT 14SOP In stock: 623 pcs RFQ</p> |