



Leading Innovation >>>

Toshiba Semiconductor and

74HC00D

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | 74HC00D                                                                                                      |
| Manufacturer/Brand: | Toshiba Semiconductor and Storage                                                                            |
| Product description | IC GATE NAND 4CH 2-INP 14SOP                                                                                 |
| Datasheets:         |  74HC00D.pdf                |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

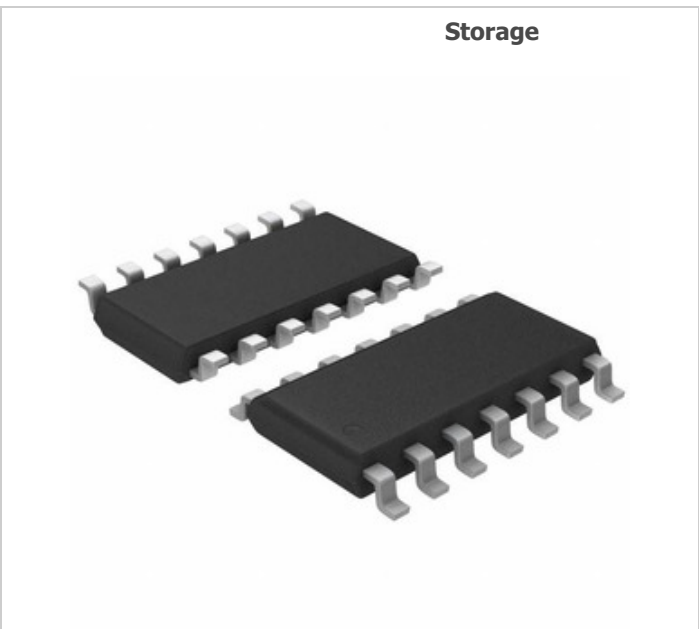


Image may be representation. See specifications for product details.

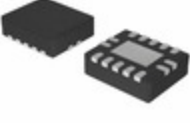
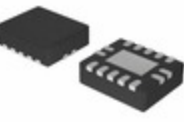
Specifications of 74HC00D

|                                                 |                                                                                                 |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------|
| PART NUMBER                                     | 74HC00D                                                                                         |
| MANUFACTURER                                    | Toshiba Semiconductor and Storage                                                               |
| DESCRIPTION                                     | IC GATE NAND 4CH 2-INP 14SOP                                                                    |
| LEAD FREE STATUS / ROHS STATUS                  | Lead free / RoHS Compliant                                                                      |
| DATA SHEET                                      |  74HC00D.pdf |
| VOLTAGE - SUPPLY                                | 2 V ~ 6 V                                                                                       |
| SUPPLIER DEVICE PACKAGE                         | 14-SOP                                                                                          |
| SERIES                                          | 74HC                                                                                            |
| PACKAGING                                       | Tape & Reel (TR)                                                                                |
| PACKAGE / CASE                                  | 14-SOIC (0.154", 3.90mm Width)                                                                  |
| OTHER NAMES                                     | 74HC00D(BJ)<br>74HC00D(BJ)TR<br>74HC00D(BJ)TR-ND<br>74HC00DTR                                   |
| OPERATING TEMPERATURE                           | -40°C ~ 125°C                                                                                   |
| NUMBER OF INPUTS                                | 2                                                                                               |
| NUMBER OF CIRCUITS                              | 4                                                                                               |
| MOUNTING TYPE                                   | Surface Mount                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL)                | 1 (Unlimited)                                                                                   |
| MAX PROPAGATION DELAY @ V <sub>i</sub> , MAX CL | 13ns @ 6V, 50pF                                                                                 |
| MANUFACTURER STANDARD LEAD TIME                 | 12 Weeks                                                                                        |
| LOGIC TYPE                                      | NAND Gate                                                                                       |
| LOGIC LEVEL - LOW                               | 0.5 V ~ 1.8 V                                                                                   |
| LOGIC LEVEL - HIGH                              | 1.5 V ~ 4.2 V                                                                                   |
| LEAD FREE STATUS / ROHS STATUS                  | Lead free / RoHS Compliant                                                                      |
| FEATURES                                        | -                                                                                               |
| DETAILED DESCRIPTION                            | NAND Gate IC 4 Channel 14-SOP                                                                   |
| CURRENT - QUIESCENT (MAX)                       | 1µA                                                                                             |
| CURRENT - OUTPUT HIGH, LOW                      | 5.2mA, 5.2mA                                                                                    |

Related Tags

|                                           |                                            |                                               |
|-------------------------------------------|--------------------------------------------|-----------------------------------------------|
| Toshiba Semiconductor and Storage 74HC00D | 74HC00D Distributor                        | 74HC00D Supplier                              |
| 74HC00D Price                             | 74HC00D Pictures                           | 74HC00D Image                                 |
| 74HC00D PDF Datasheet                     | 74HC00D Download Datasheet                 | 74HC00D Datasheet                             |
| 74HC00D Stock                             | Buy 74HC00D                                | Buy Toshiba Semiconductor and Storage 74HC00D |
| Toshiba Semiconductor and Storage 74HC00D | Toshiba Semiconductor and Storage Supplier | Toshiba Semiconductor and Storage Distributor |
| Toshiba Semiconductor and Storage 74HC00D | Toshiba 74HC00D                            |                                               |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>74HC00DB,112</b><br/>Manufacturers: Nexperia<br/>Description: IC GATE NAND 4CH 2-INP 14SSOP<br/>In stock: 891 pcs<br/><div>RFQ</div></div>                             |  <div><b>74H-4</b><br/>Manufacturers: Bussmann (Eaton)<br/>Description: FUSE CARTRIDGE 4A 60VDC<br/>In stock: Out stock<br/><div>RFQ</div></div>                                  |
|  <div><b>74HC00D/AUJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC GATE NAND 4CH 2-INP 14SO<br/>In stock: Out stock<br/><div>RFQ</div></div>        |  <div><b>74HC00D-Q100,118</b><br/>Manufacturers: Nexperia<br/>Description: IC GATE NAND 4CH 2-INP 14SO<br/>In stock: Out stock<br/><div>RFQ</div></div>                           |
|  <div><b>74HC00DR2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE NAND 4CH 2-INP 14SOIC<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>74HC00D,652</b><br/>Manufacturers: Nexperia<br/>Description: IC GATE NAND 4CH 2-INP 14SO<br/>In stock: Out stock<br/><div>RFQ</div></div>                                |
|  <div><b>74HC00D,653</b><br/>Manufacturers: Nexperia<br/>Description: IC GATE NAND 4CH 2-INP 14SO<br/>In stock: Out stock<br/><div>RFQ</div></div>                              |  <div><b>74HC00BQ-Q100,115</b><br/>Manufacturers: Nexperia<br/>Description: IC GATE NAND 4CH 2-INP 14DHVQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>                      |
|  <div><b>74HC00BQ,115</b><br/>Manufacturers: Nexperia<br/>Description: IC GATE NAND 4CH 2-INP 14DHVQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>                         |  <div><b>74HC00DTR2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE NAND 4CH 2-INP 14TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>74H1G66STR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SWITCH 1X1 SOT23-5<br/>In stock: Out stock<br/><div>RFQ</div></div>                           |  <div><b>74HC00DB,118</b><br/>Manufacturers: Nexperia<br/>Description: IC GATE NAND 4CH 2-INP 14SSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>                             |