

Image may be representation.
See specifications for product details.



MC74VHC00DTR2G

Manufacturer Part Number	MC74VHC00DTR2G
Manufacturer	onsemi
Allelco Part Number	32D-MC74VHC00DTR2G
ECAD Model	Request Free CAD Models
Parts Description	IC GATE NAND 4CH 2-INP 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	MC74VHC00.pdf MC74VHC00.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC74VHC00DTR2G - onsemi.New Original in Stock. Download Linear Technology MC74VHC00DTR2G datasheet/specifications on AllelcoElec.com.
Request a quote for MC74VHC00DTR2G, please send us email: info@allelco.com

Specifications

MC74VHC00DTR2G Tech Specifications
MC74VHC00DTR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	2V ~ 5.5V	Max Propagation Delay @ V, Max CL	7.5ns @ 5V, 50pF
Supplier Device Package	14-TSSOP	Logic Type	NAND Gate
Series	74VHC	Input Logic Level - Low	0.5V
Package / Case	14-TSSOP (0.173", 4.40mm Width)	Input Logic Level - High	1.5V
Package	Tape & Reel (TR)	Features	-
Operating Temperature	-55°C ~ 125°C	Current - Quiescent (Max)	2 µA
Number of Inputs	2	Current - Output High, Low	8mA, 8mA
Number of Circuits	4	Base Product Number	74VHC00

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC74VHC00DTR2G

Product Attribute				
Part Number	MC74VHC00DTR2G	MC74VHC02DR2G	MC74VHC02DTR2G	MC74VHC04DTR2
Manufacturer	onsemi	onsemi	onsemi	onsemi
Logic Type	NAND Gate	NOR Gate	NOR Gate	Inverter
Number of Circuits	4	4	4	6
Current - Output High, Low	8mA, 8mA	8mA, 8mA	8mA, 8mA	8mA, 8mA
Series	74VHC	74VHC	74VHC	74VHC
Features	-	-	-	-
Max Propagation Delay @ V, Max CL	7.5ns @ 5V, 50pF	7.5ns @ 5V, 50pF	7.5ns @ 5V, 50pF	7.5ns @ 5V, 50pF
Supplier Device Package	14-TSSOP	14-SOIC	14-TSSOP	14-TSSOP
Voltage - Supply	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Base Product Number	74VHC00	74VHC02	74VHC02	74VHC04
Package / Case	14-TSSOP (0.173", 4.40mm Width)	14-SOIC (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)	14-TSSOP (0.173", 4.40mm Width)
Current - Quiescent (Max)	2 µA	2 µA	2 µA	2 µA
Number of Inputs	2	2	2	1
Input Logic Level - High	1.5V	1.5V	1.5V	1.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input Logic Level - Low	0.5V	0.5V	0.5V	0.5V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-55°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C

MC74VHC00DTR2G Datasheet PDF

Download MC74VHC00DTR2G pdf datasheets and onsemi documentation for MC74VHC00DTR2G - onsemi.

Datasheets

[MC74VHC00.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[Material Declaration MC74VHC00DTR2G.pdf](#)






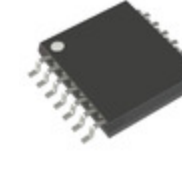












PCN Assembly/Origin

[Assembly Change 16/Feb/2023.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

					
MC74VHC02DR2G onsemi IC GATE NOR 4CH 2-INP 14SOIC	MC74VHC02DTR2G onsemi IC GATE NOR 4CH 2-INP 14TSSOP	MC74LVXT8053DTR2 onsemi IC SWITCH SPDT X 3 250HM 16TSSOP	MC74VHC04DTR2 onsemi IC INVERTER 6CH 1-INP 14TSSOP	MC74VHC00DR2G onsemi IC GATE NAND 4CH 2-INP 14SOIC	MC74VHC04DTR2G onsemi IC INVERTER 6CH 1-INP 14TSSOP
					
MC74VHC08DR2 onsemi IC GATE AND 4CH 2-INP 14SOIC	MC74VHC08DTR2 onsemi IC GATE AND 4CH 2-INP 14TSSOP	MC74LVXT8051DTRG onsemi IC MUX 8:1 250HM 16TSSOP	MC74VHC00D onsemi NAND GATE, AHC/VHC SERIES	MC74VCXH16245DT AMI Semiconductor/onsemi	MC74VHC00DR2 onsemi IC GATE NAND 4CH 2-INP 14SOIC
					
MC74VHC08DT onsemi AND GATE, AHC/VHC SERIES	MC74VHC08D onsemi AND GATE, AHC/VHC SERIES	MC74VHC04DR2G onsemi IC INVERTER 6CH 1-INP 14SOIC	MC74VCX16240DT AMI Semiconductor/onsemi	MC74LVXT8051DR2G onsemi IC MUX 8:1 250HM 16SOIC	MC74VHC02DTR2 onsemi IC GATE NOR 4CH 2-INP 14TSSOP

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

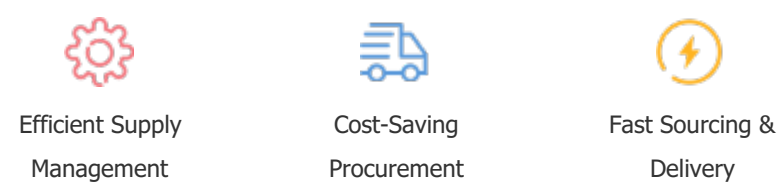
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)