

Image may be representation.  
See specifications for product details.

## MM74HCT00N

Manufacturer Part Number	<b>MM74HCT00N</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MM74HCT00N
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC GATE NAND 4CH 2-INP 14DIP
Package	14-DIP (0.300", 7.62mm)
Data sheet	<b>MM74HCT00.pdf</b> <b>MM74HCT00.pdf</b>

**Get a Quote**



MM74HCT00N - onsemi.New Original in Stock. Download Linear Technology MM74HCT00N datasheet/specifications on AllelcoElec.com.  
Request a quote for MM74HCT00N, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MM74HCT00N Tech Specifications  
MM74HCT00N - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Through Hole
Voltage - Supply	4.5V ~ 5.5V	Max Propagation Delay @ V, Max CL	23ns @ 5V, 50pF
Supplier Device Package	14-MDIP	Logic Type	NAND Gate
Series	74HCT	Input Logic Level - Low	0.8V
Package / Case	14-DIP (0.300", 7.62mm)	Input Logic Level - High	2V
Package	Tube	Features	-
Operating Temperature	-40°C ~ 85°C	Current - Quiescent (Max)	1 µA
Number of Inputs	2	Current - Output High, Low	4.8mA, 4.8mA
Number of Circuits	4	Base Product Number	74HCT00

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MM74HCT00N

Product Attribute				
Part Number	MM74HCT00N	MM74HCT04N	MM74HC86N	MM74HCT00M
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Output High, Low	4.8mA, 4.8mA	4.8mA, 4.8mA	5.2mA, 5.2mA	4.8mA, 4.8mA
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	2V ~ 6V	4.5V ~ 5.5V
Logic Type	NAND Gate	Inverter	XOR (Exclusive OR)	NAND Gate
Number of Inputs	2	1	2	2
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Input Logic Level - High	2V	2V	1.5V ~ 4.2V	2V
Current - Quiescent (Max)	1 µA	2 µA	2 µA	1 µA
Base Product Number	74HCT00	74HCT04	74HC86	74HCT00
Input Logic Level - Low	0.8V	0.8V	0.5V ~ 1.8V	0.8V
Max Propagation Delay @ V, Max CL	23ns @ 5V, 50pF	20ns @ 5V, 50pF	20ns @ 6V, 50pF	23ns @ 5V, 50pF
Package	Tube	Tube	Tube	Tube
Number of Circuits	4	6	4	4
Supplier Device Package	14-MDIP	14-MDIP	14-MDIP	14-SOIC
Series	74HCT	74HCT	74HC	74HCT
Package / Case	14-DIP (0.300", 7.62mm)	14-DIP (0.300", 7.62mm)	14-DIP (0.300", 7.62mm)	14-SOIC (0.154", 3.90mm Width)
Mounting Type	Through Hole	Through Hole	Through Hole	Surface Mount
Features	-	-	-	-

### MM74HCT00N Datasheet PDF

Download MM74HCT00N pdf datasheets and onsemi documentation for MM74HCT00N - onsemi.

#### Datasheets

[MM74HCT00.pdf](#)

#### Environmental Information



















[onsemi RoHS.pdf](#)

#### HTML Datasheet

[MM74HCT00.pdf](#)

### Customers Also Interested in

## Recommended Products

					
<b>MM74HCT04N</b> onsemi IC INVERTER 6CH 1-INP 14DIP	<b>MM74HC86N</b> onsemi IC GATE XOR 4CH 2-INP 14DIP	<b>MM74HCT00M</b> onsemi IC GATE NAND 4CH 2-INP 14SOIC	<b>MM74HC86MX</b> onsemi IC GATE XOR 4CH 2-INP 14SOIC	<b>MM74HCT00MTCX</b> onsemi IC GATE NAND 4CH 2-INP 14TSSOP	<b>MM74HCT04MTC</b> onsemi IC INVERTER 6CH 1-INP 14TSSOP
					
<b>MM74HCT04MTCX</b> onsemi IC INVERTER 6CH 1-INP 14TSSOP	<b>MM74HCT00SJX</b> onsemi IC GATE NAND 4CH 2-INP 14SOP	<b>MM74HCT04MX</b> onsemi IC INVERTER 6CH 1-INP 14SOIC	<b>MM74HCT04SJX</b> onsemi IC INVERTER 6CH 1-INP 14SOP	<b>MM74HC86MTCX</b> Fairchild Semiconductor IC GATE XOR 4CH 2-INP 14TSSOP	<b>MM74HCT00N</b> Fairchild Semiconductor IC GATE NAND 4CH 2-INP 14DIP
					
<b>MM74HC86MTCX</b> onsemi IC GATE XOR 4CH 2-INP 14TSSOP	<b>MM74HCT04MTC</b> Fairchild Semiconductor IC INVERTER 6 CH 1 INP	<b>MM74HC86N</b> Fairchild Semiconductor IC GATE XOR 4CH 2-INP 14DIP	<b>MM74HCT00SJX</b> Fairchild Semiconductor IC GATE NAND 4CH 2-INP 14SOP	<b>MM74HCT00MX</b> onsemi IC GATE NAND 4CH 2-INP 14SOIC	<b>MM74HCT04M</b> onsemi IC INVERTER 6CH 1-INP 14SOIC

## 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.

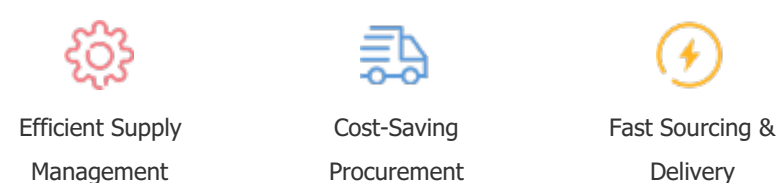
Contact us if you have any questions.

## Payment Support

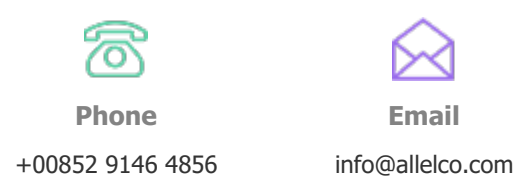
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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