



Image may be representation.  
See specifications for product details.

## MC74VHC1GT08DFT2

Manufacturer Part Number	MC74VHC1GT08DFT2
Manufacturer	onsemi
Allelco Part Number	32D-MC74VHC1GT08DFT2
ECAD Model	 Request Free CAD Models
Parts Description	IC GATE AND 1CH 2-INP SC-70
Package	5-TSSOP, SC-70-5, SOT-353
Data sheet	MC74VHC1G08.pdf

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### Specifications

MC74VHC1GT08DFT2 Tech Specifications  
MC74VHC1GT08DFT2 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	3V ~ 5.5V	Max Propagation Delay @ V, Max CL	7.9ns @ 5V, 50pF
Supplier Device Package	SC-88A (SC-70-5/SOT-353)	Logic Type	AND Gate
Series	74VHC	Input Logic Level - Low	0.53V ~ 0.8V
Package / Case	5-TSSOP, SC-70-5, SOT-353	Input Logic Level - High	1.4V ~ 2V
Package	Bulk	Features	-
Operating Temperature	-55°C ~ 125°C	Current - Quiescent (Max)	1 µA
Number of Inputs	2	Current - Output High, Low	8mA, 8mA
Number of Circuits	1	Base Product Number	74VHC1GT08

### Parts with Similar Specifications


The three parts on the right have similar specifications to onsemi MC74VHC1GT08DFT2

Product Attribute				
Part Number	MC74VHC1GT08DFT2	MC74VHC1GT08DF2G	MC74VHC1GT08DFT1	MC74VHC1GT08DT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package / Case	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353	5-TSSOP, SC-70-5, SOT-353	SOT-23-5 Thin, TSOT-23-5
Package	Bulk	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Current - Quiescent (Max)	1 µA	1 µA	1 µA	1 µA
Supplier Device Package	SC-88A (SC-70-5/SOT-353)	SC-88A (SC-70-5/SOT-353)	SC-88A (SC-70-5/SOT-353)	5-TSOP
Base Product Number	74VHC1GT08	74VHC1GT08	74VHC1GT08	74VHC1GT08
Number of Circuits	1	1	1	1
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Max Propagation Delay @ V, Max CL	7.9ns @ 5V, 50pF	7.9ns @ 5V, 50pF	7.9ns @ 5V, 50pF	7.9ns @ 5V, 50pF
Input Logic Level - Low	0.53V ~ 0.8V	0.28V ~ 0.8V	0.53V ~ 0.8V	0.28V ~ 0.8V
Series	74VHC	74VHC	74VHC	74VHC
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Current - Output High, Low	8mA, 8mA	8mA, 8mA	8mA, 8mA	8mA, 8mA
Input Logic Level - High	1.4V ~ 2V	1V ~ 2V	1.4V ~ 2V	1V ~ 2V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Inputs	2	2	2	2
Features	-	-	-	-
Logic Type	AND Gate	AND Gate	AND Gate	AND Gate


### MC74VHC1GT08DFT2 Datasheet PDF


Download MC74VHC1GT08DFT2 pdf datasheets and onsemi documentation for MC74VHC1GT08DFT2 - onsemi.

#### Datasheets

 MC74VHC1G08.pdf



















#### Environmental Information

 onsemi REACH.pdf

 onsemi RoHS.pdf

### Customers Also Interested in

#### Recommended Products

					
<b>MC74VHC1GT08DFT2G</b>	<b>MC74VHC1GT08DF2G</b>	<b>MC74VHC1GT08DFT1</b>	<b>MC74VHC1GT08DT1G</b>	<b>MC74VHC1GT125DF1</b>	<b>MC74VHC1GT04DT1G</b>
AMI Semiconductor/onsemi	onsemi IC GATE AND 1CH 2-INP SC88A	onsemi IC GATE AND 1CH 2-INP SC-70	onsemi IC GATE AND 1CH 2-INP 5TSOP	onsemi IC BUFF/LVL SHFTR N-INV SOT353	onsemi IC INVERTER 1CH 1-INP 5TSOP
					
<b>MC74VHC1GT04DFT2</b>	<b>MC74VHC1GT08EDFT2G</b>	<b>MC74VHC1GT04DTT1G</b>	<b>MC74VHC1GT125DF2G</b>	<b>MC74VHC1GT04DTT1</b>	<b>MC74VHC1GT04DFT2G</b>
onsemi IC GATE INVERTER SNGL 1IN SOT353	onsemi IC GATE AND 1CH 2-INP SC88A	AMI Semiconductor/onsemi	AMI Semiconductor/onsemi	onsemi IC GATE INVERTER SNGL 1IN 5TSOP	AMI Semiconductor/onsemi
					
<b>MC74VHC1GT08</b>	<b>MC74VHC1GT08DTT1G</b>	<b>MC74VHC1GT08DFT1G</b>	<b>MC74VHC1GT04DFT1G</b>	<b>MC74VHC1GT125DBVT1G</b>	<b>MC74VHC1GT125</b>
AMI Semiconductor/onsemi	AMI Semiconductor/onsemi	AMI Semiconductor/onsemi	AMI Semiconductor/onsemi	onsemi IC BUFFER NON-INVERT 5.5V SC74A	AMI Semiconductor/onsemi

## 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



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### Contact us

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