



Image may be representation.
See specifications for product details.



MC74VHC1G132DFT2

Manufacturer Part Number	MC74VHC1G132DFT2
Manufacturer	onsemi
Allelco Part Number	32D-MC74VHC1G132DFT2
ECAD Model	Request Free CAD Models
Parts Description	IC GATE NAND 1CH 2-INP SC-70
Package	5-TSSOP, SC-70-5, SOT-353
Data sheet	M74, MC74VHC1G132.pdf M74, MC74VHC1G132.pdf

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Specifications

MC74VHC1G132DFT2 Tech Specifications
MC74VHC1G132DFT2 - 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	9.7ns @ 5V, 50pF
Supplier Device Package	SC-88A (SC-70-5/SOT-353)	Logic Type	NAND Gate
Series	74VHC	Input Logic Level - Low	0.65V ~ 1.45V
Package / Case	5-TSSOP, SC-70-5, SOT-353	Input Logic Level - High	2.25V ~ 3.7V
Package	Bulk	Features	Schmitt Trigger
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	74VHC1G132

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC74VHC1G132DFT2

Product Attribute				
Part Number	MC74VHC1G132DFT2	MC74VHC1G132DFT1	MC74VHC1G14DFT1	MC74VHC1G132DF1G
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	5-TSSOP, SC-70-5, SOT-353
Input Logic Level - Low	0.65V ~ 1.45V	0.65V ~ 1.45V	0.9V ~ 1.65V	0.65V ~ 1.45V
Number of Circuits	1	1	1	1
Features	Schmitt Trigger	Schmitt Trigger	Schmitt Trigger	Schmitt Trigger
Series	74VHC	74VHC	74VHC	74VHC
Logic Type	NAND Gate	NAND Gate	Inverter	NAND Gate
Input Logic Level - High	2.25V ~ 3.7V	2.25V ~ 3.7V	2.2V ~ 3.85V	2.25V ~ 3.7V
Max Propagation Delay @ V, Max CL	9.7ns @ 5V, 50pF	9.7ns @ 5V, 50pF	10.6ns @ 5V, 50pF	9.7ns @ 5V, 50pF
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Package	Bulk	Bulk	Bulk	Tape & Reel (TR)
Supplier Device Package	SC-88A (SC-70-5/SOT-353)	SC-88A (SC-70-5/SOT-353)	SC-88A (SC-70-5/SOT-353)	SC-88A (SC-70-5/SOT-353)
Voltage - Supply	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Number of Inputs	2	2	1	2
Current - Quiescent (Max)	1 µA	1 µA	1 µA	1 µA
Current - Output High, Low	8mA, 8mA	8mA, 8mA	8mA, 8mA	8mA, 8mA
Base Product Number	74VHC1G132	74VHC1G132	74VHC1G14	74VHC1G132

MC74VHC1G132DFT2 Datasheet PDF

Download MC74VHC1G132DFT2 pdf datasheets and onsemi documentation for MC74VHC1G132DFT2 - onsemi.

Datasheets

[M74, MC74VHC1G132.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)



















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Customers Also Interested in

Recommended Products

 MC74VHC1G132DFT1 onsemi IC GATE NAND 1CH 2-INP SC-70	 MC74VHC1G132DFT1G AMI Semiconductor/onsemi	 MC74VHC1G126DFT1 onsemi IC BUFFER TRI-ST NON-INV SOT353	 MC74VHC1G14DFT1 onsemi IC INVERTER SGL SCHMITT SOT353	 MC74VHC1G132DF1G onsemi IC GATE NAND 1CH 2IN SC88A	 MC74VHC1G14DFT1G onsemi IC INVERT SCHMITT 1CH 1-IN SC88A
 MC74VHC1G132DFT2G AMI Semiconductor/onsemi	 MC74VHC1G14DBVT1G onsemi IC INVERT SCHMITT 1CH 1-IN SC74A	 MC74VHC1G126DFT1G onsemi IC BUFFER NON-INVERT 5.5V SC88A	 MC74VHC1G135DFT2 onsemi IC GATE NAND 1CH 2IN SC88A	 MC74VHC1G126DFT2G AMI Semiconductor/onsemi	 MC74VHC1G135DFT1 onsemi IC GATE NAND 1CH 2IN SC88A
 MC74VHC1G126DFT1 onsemi IC BUFFER NON-INVERT 5.5V 5TSOP	 MC74VHC1G132DFT1G AMI Semiconductor/onsemi	 MC74VHC1G132DF2G onsemi IC GATE NAND 1CH 2IN SC88A	 MC74VHC1G126DFT2 onsemi IC BUFFER TRI-ST NON-INV SOT353	 MC74VHC1G132DFT1 onsemi IC GATE NAND 1CH 2-INP 5-TSOP	 MC74VHC1G132 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.

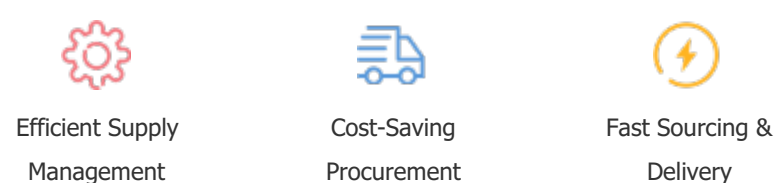
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Payment Support

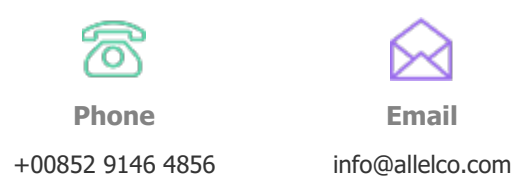
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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