



Image may be representation.
See specifications for product details.



MC74VHC1G09DFT2G

Manufacturer Part Number	MC74VHC1G09DFT2G
Manufacturer	onsemi
Allelco Part Number	32D-MC74VHC1G09DFT2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC GATE AND OD 1CH 2-INP SC88A
Package	5-TSSOP, SC-70-5, SOT-353
Data sheet	Cylindrical Battery Holders.pdf
	MC74VHC1G09.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC74VHC1G09DFT2G - onsemi.New Original in Stock. Download Linear Technology MC74VHC1G09DFT2G datasheet/specifications on AllelcoElec.com.
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Specifications

MC74VHC1G09DFT2G Tech Specifications
MC74VHC1G09DFT2G - 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	7.9ns @ 5V, 50pF
Supplier Device Package	SC-88A (SC-70-5/SOT-353)	Logic Type	AND Gate
Series	74VHC	Input Logic Level - Low	0.5V ~ 1.65V
Package / Case	5-TSSOP, SC-70-5, SOT-353	Input Logic Level - High	1.5V ~ 3.85V
Package	Tape & Reel (TR)	Features	Open Drain
Operating Temperature	-55°C ~ 125°C	Current - Quiescent (Max)	1 µA
Number of Inputs	2	Current - Output High, Low	-, 8mA
Number of Circuits	1	Base Product Number	74VHC1G09

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC74VHC1G09DFT2G

Product Attribute				
Part Number	MC74VHC1G09DFT2G	MC74VHC1G09DFT1G	MC74VHC1G08DFT1G	MC74VHC1G09DFT2
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package / Case	5-TSSOP, SC-70-5, SOT-353	SOT-23-5 Thin, TSOT-23-5	SOT-23-5 Thin, TSOT-23-5	5-TSSOP, SC-70-5, SOT-353
Number of Inputs	2	2	2	2
Max Propagation Delay @ V, Max CL	7.9ns @ 5V, 50pF	7.9ns @ 5V, 50pF	7.9ns @ 5V, 50pF	7.9ns @ 5V, 50pF
Features	Open Drain	Open Drain	-	Open Drain
Logic Type	AND Gate	AND Gate	AND Gate	AND Gate
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	74VHC1G09	74VHC1G09	74VHC1G08	74VHC1G09
Voltage - Supply	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V	2V ~ 5.5V
Series	74VHC	74VHC	74VHC	74VHC
Current - Quiescent (Max)	1 µA	1 µA	1 µA	1 µA
Input Logic Level - Low	0.5V ~ 1.65V	0.5V ~ 1.65V	0.5V ~ 1.65V	0.5V ~ 1.65V
Current - Output High, Low	-, 8mA	-, 8mA	8mA, 8mA	-, 8mA
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C (TA)	-55°C ~ 125°C
Number of Circuits	1	1	1	1
Input Logic Level - High	1.5V ~ 3.85V	1.5V ~ 3.85V	1.5V ~ 3.85V	1.5V ~ 3.85V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	SC-88A (SC-70-5/SOT-353)	5-TSOP	5-TSOP	SC-88A (SC-70-5/SOT-353)

MC74VHC1G09DFT2G Datasheet PDF

Download MC74VHC1G09DFT2G pdf datasheets and onsemi documentation for MC74VHC1G09DFT2G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

PCN Other

[2.73KHz.pdf](#)

PCN Design/Specification

PCN Assembly/Origin

2.73KHz.pdf

HTML Datasheet

MC74VHC1G09.pdf

Customers Also Interested in

Recommended Products

MC74VHC1G125DFT1		MC74VHC1G08PFT2		MC74VHC1G09DFT1G		MC74VHC1G08DFT1G		MC74VHC1G125		MC74VHC1G09DFT2
onsemi		AMI Semiconductor/onsemi		onsemi		onsemi		AMI Semiconductor/onsemi		onsemi
IC BUFFER TRI-ST NON-INV SOT353				IC GATE AND OD 1CH 2-INP 5TSOP		IC GATE AND OD 1CH 2-INP 5TSOP				IC GATE AND OD 1CH 2-INP SC88A
MC74VHC1G08EDFT2G		MC74VHC1G125DFT1G		MC74VHC1G09DFT1		MC74VHC1G125DFT2				MC74VHC1G08DFT1
onsemi		onsemi		onsemi		onsemi		AMI Semiconductor/onsemi		onsemi
IC GATE AND 1CH 2-INP SC88A		IC BUFFER NON-INVERT 5.5V SC88A		IC GATE AND OD 1CH 2-INP SC88A		IC BUFFER TRI-ST NON-INV SOT353				IC GATE AND OD 1CH 2-INP 5TSOP
MC74VHC1G125DFT1G		MC74VHC1G125DF		MC74VHC1G08DFT1H		MC74VHC1G09		MC74VHC1G09DFT1G		MC74VHC1G125DF1G
onsemi		AMI Semiconductor/onsemi		onsemi		AMI Semiconductor/onsemi		onsemi		onsemi
IC BUFFER NON-INVERT 5.5V 5TSOP				IC INVERT SCHMITT				IC GATE AND OD 1CH 2-INP SC88A		IC BUFFER NON-INVERT 5.5V SC88A

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.

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Certifications & Memberships



View More

Contact us

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