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See specifications for product details.



MC74HC1G08DFT1G

Manufacturer Part Number	MC74HC1G08DFT1G
Manufacturer	onsemi
Allelco Part Number	32D-MC74HC1G08DFT1G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC GATE AND 1CH 2-INP SC88A
Package	5-TSSOP, SC-70-5, SOT-353
Data sheet	MC74HC1G08.pdf
	MC74HC1G08.pdf
RoHs Status	ROHS3 Compliant

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Specifications

MC74HC1G08DFT1G Tech Specifications
MC74HC1G08DFT1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	2V ~ 6V	Max Propagation Delay @ V, Max CL	17ns @ 6V, 50pF
Supplier Device Package	SC-88A (SC-70-5/SOT-353)	Logic Type	AND Gate
Series	74HC	Input Logic Level - Low	0.5V ~ 1.8V
Package / Case	5-TSSOP, SC-70-5, SOT-353	Input Logic Level - High	1.5V ~ 4.2V
Package	Tape & Reel (TR)	Features	-
Operating Temperature	-55°C ~ 125°C	Current - Quiescent (Max)	1 µA
Number of Inputs	2	Current - Output High, Low	2.6mA, 2.6mA
Number of Circuits	1	Base Product Number	74HC1G08

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC74HC1G08DFT1G

Product Attribute				
Part Number	MC74HC1G08DFT1G	MC74HC1G04DTT1	MC74HC1G04DFT1	MC74HC1G04DTT1G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Current - Quiescent (Max)	1 µA	1 µA	1 µA	1 µA
Current - Output High, Low	2.6mA, 2.6mA	2.6mA, 2.6mA	2.6mA, 2.6mA	2.6mA, 2.6mA
Input Logic Level - High	1.5V ~ 4.2V	1.5V ~ 4.2V	1.5V ~ 4.2V	1.5V ~ 4.2V
Voltage - Supply	2V ~ 6V	2V ~ 6V	2V ~ 6V	2V ~ 6V
Base Product Number	74HC1G08	74HC1G04	74HC1G04	74HC1G04
Number of Circuits	1	1	1	1
Features	-	-	-	-
Max Propagation Delay @ V, Max CL	17ns @ 6V, 50pF	17ns @ 6V, 50pF	17ns @ 6V, 50pF	17ns @ 6V, 50pF
Series	74HC	74HC	74HC	74HC
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	SC-88A (SC-70-5/SOT-353)	5-TSOP	SC-88A (SC-70-5/SOT-353)	5-TSOP
Logic Type	AND Gate	Inverter	Inverter	Inverter
Input Logic Level - Low	0.5V ~ 1.8V	0.5V ~ 1.8V	0.5V ~ 1.8V	0.5V ~ 1.8V
Package / Case	5-TSSOP, SC-70-5, SOT-353	SOT-23-5 Thin, TSOT-23-5	5-TSSOP, SC-70-5, SOT-353	SOT-23-5 Thin, TSOT-23-5
Package	Tape & Reel (TR)	Bulk	Bulk	Tape & Reel (TR)
Number of Inputs	2	1	1	1
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C

MC74HC1G08DFT1G Datasheet PDF

Download MC74HC1G08DFT1G pdf datasheets and onsemi documentation for MC74HC1G08DFT1G - onsemi.

Datasheets

[MC74HC1G08.pdf](#)

Environmental Information

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Recommended Products

					
MC74HC1G04DTT1 onsemi IC INVERTER SGL HS CMOS 5TSOP	MC74HC1G04DFT1 onsemi IC INVERTER SGL HS CMOS SOT353	MC74HC1G04DTT1G onsemi IC INVERTER 1CH 1-INP 5TSOP	MC74HC1G02DTT1G onsemi IC GATE NOR 1CH 2-INP 5TSOP	MC74HC1G14DTT1G onsemi IC INVERT SCHMITT 1CH 1-IN 5TSOP	MC74HC1G08DTT1G onsemi IC GATE AND 1CH 2-INP 5TSOP
					
MC74HC1G14DFT1 onsemi IC INVERTER SGL SCHMITT SOT-353	MC74HC1G08DFT2G onsemi IC GATE AND 1CH 2-INP SC88A	MC74HC1G02DTT1 onsemi IC GATE NOR 1CH 2-INP 5TSOP	MC74HC1G04 AMI Semiconductor/onsemi	MC74HC1G08DFT2 onsemi IC GATE AND 1CH 2-INP SC-70	MC74HC1G04DFT2G onsemi IC INVERTER 1CH 1-INP SC88A
					
MC74HC1G04DFT1G onsemi IC INVERTER 1CH 1-INP SC88A	MC74HC1G04DFT2 onsemi IC INVERTER SGL HS CMOS SOT-353	MC74HC1G14DFT2 onsemi IC INVERT SCHMITT 1CH 1-IN SC88A	MC74HC1G14DFT1G onsemi IC INVERT SCHMITT 1CH 1-IN SC88A	MC74HC1G08DFT2GH onsemi IC GATE AND 1CH 2-INP SOEIAJ-14	MC74HC1G14DFT2G onsemi IC INVERT SCHMITT 1CH 1-IN 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.

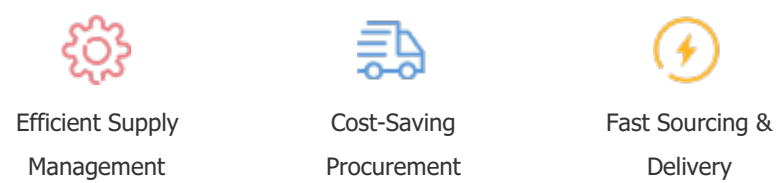
Payment Support

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 -



Contact us if you have any questions.



Certifications & Memberships



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