



Image may be representation.
See specifications for product details.



MC74ACT08DR2G

Manufacturer Part Number	MC74ACT08DR2G
Manufacturer	onsemi
Allelco Part Number	32D-MC74ACT08DR2G
ECAD Model	Request Free CAD Models
Parts Description	IC GATE AND 4CH 2-INP 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	MC74AC(T)08.pdf MC74AC(T)08.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC74ACT08DR2G - onsemi.New Original in Stock. Download Linear Technology MC74ACT08DR2G datasheet/specifications on AllelcoElec.com.
Request a quote for MC74ACT08DR2G, please send us email: info@allelco.com

Specifications

MC74ACT08DR2G Tech Specifications
MC74ACT08DR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	4.5V ~ 5.5V	Max Propagation Delay @ V, Max CL	9ns @ 5V, 50pF
Supplier Device Package	14-SOIC	Logic Type	AND Gate
Series	74ACT	Input Logic Level - Low	0.8V
Package / Case	14-SOIC (0.154", 3.90mm Width)	Input Logic Level - High	2V
Package	Tape & Reel (TR)	Features	-
Operating Temperature	-40°C ~ 85°C	Current - Quiescent (Max)	4 µA
Number of Inputs	2	Current - Output High, Low	24mA, 24mA
Number of Circuits	4	Base Product Number	74ACT08

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC74ACT08DR2G

Product Attribute				
Part Number	MC74ACT08DR2G	MC74ACT04MG	MC74ACT10M	MC74ACT10DTR2
Manufacturer	onsemi	onsemi	onsemi	onsemi
Mounting Type	Surface Mount	Surface Mount	-	Surface Mount
Package	Tape & Reel (TR)	Tube	Bulk	Tape & Reel (TR)
Package / Case	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.209", 5.30mm Width)	-	14-TSSOP (0.173", 4.40mm Width)
Input Logic Level - High	2V	2V	-	2V
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-	-40°C ~ 85°C
Number of Inputs	2	1	-	3
Base Product Number	74ACT08	74ACT04	74ACT10	74ACT10
Series	74ACT	74ACT	*	74ACT
Current - Quiescent (Max)	4 µA	4 µA	-	4 µA
Logic Type	AND Gate	Inverter	-	NAND Gate
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	-	4.5V ~ 5.5V
Supplier Device Package	14-SOIC	SOEIAJ-14	-	14-TSSOP
Current - Output High, Low	24mA, 24mA	24mA, 24mA	-	24mA, 24mA
Input Logic Level - Low	0.8V	0.8V	-	0.8V
Max Propagation Delay @ V, Max CL	9ns @ 5V, 50pF	8.5ns @ 5V, 50pF	-	9ns @ 5V, 50pF
Number of Circuits	4	6	-	3
Features	-	-	-	-

MC74ACT08DR2G Datasheet PDF

Download MC74ACT08DR2G pdf datasheets and onsemi documentation for MC74ACT08DR2G - onsemi.

Datasheets

[MC74AC\(T\)08.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)



















[Material Declaration MC74ACT08DR2G.pdf](#)

HTML Datasheet

[MC74AC\(T\)08.pdf](#)

Customers Also Interested in

Recommended Products

 MC74ACT04MG onsemi IC INVERTER 6CH 1-INP SOEIAJ-14	 MC74ACT10M onsemi NAND GATE, ACT SERIES, 3-INPUT	 MC74ACT10DTR2 onsemi IC GATE NAND 3CH 3-INP 14TSSOP	 MC74ACT05DR2G onsemi IC INVERTER OD 6CH 1-INP 14SOIC	 MC74ACT05DR AMI Semiconductor/onsemi	 MC74ACT08MELG onsemi AND GATE, ACT SERIES
 MC74ACT04MEL AMI Semiconductor/onsemi	 MC74ACT04N onsemi IC INVERTER 6CH 1-INP 14DIP	 MC74ACT05DTR2 onsemi IC INVERTER OD 6CH 1-INP 14TSSOP	 MC74ACT08NG onsemi IC GATE AND 4CH 2-INP 14DIP	 MC74ACT08DT onsemi AND GATE, ACT SERIES	 MC74ACT05DG onsemi IC INVERTER OD 6CH 1-INP 14SOIC
 MC74ACT08N onsemi IC GATE AND 4CH 2-INP 14DIP	 MC74ACT08DTR2G onsemi IC GATE AND 4CH 2-INP 14TSSOP	 MC74ACT08D onsemi IC GATE AND 4CH 2-INP 14SOIC	 MC74ACT08DTR2 onsemi IC GATE AND 4CH 2-INP 14TSSOP	 MC74ACT109DR2 onsemi FLIP FLOP JK -TYPE POS-EDGE	 MC74ACT05DR2 onsemi IC INVERTER HEX 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.

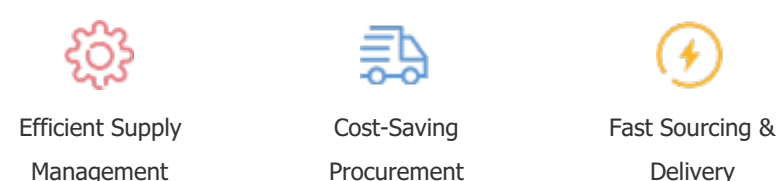
Payment Support

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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