

Image may be representation.
See specifications for product details.



MC74AC04DG

Manufacturer Part Number	MC74AC04DG
Manufacturer	onsemi
Allelco Part Number	32D-MC74AC04DG
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC INVERTER 6CH 1-INP 14SOIC
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
	MC74AC(T)04.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC74AC04DG - onsemi.New Original in Stock. Download Linear Technology MC74AC04DG datasheet/specifications on AllelcoElec.com.
Request a quote for MC74AC04DG, please send us email: info@allelco.com

Specifications

MC74AC04DG Tech Specifications

MC74AC04DG - 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	7ns @ 5V, 50pF
Supplier Device Package	14-SOIC	Logic Type	Inverter
Series	74AC	Input Logic Level - Low	0.9V ~ 1.65V
Package / Case	14-SOIC (0.154", 3.90mm Width)	Input Logic Level - High	2.1V ~ 3.85V
Package	Tube	Features	-
Operating Temperature	-40°C ~ 85°C	Current - Quiescent (Max)	4 µA
Number of Inputs	1	Current - Output High, Low	24mA, 24mA
Number of Circuits	6	Base Product Number	74AC04

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC74AC04DG

Product Attribute				
Part Number	MC74AC04DG	MC74AC04MEL	MC74AC02DR2	MC74AC05DG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Input Logic Level - High	2.1V ~ 3.85V	-	2.1V ~ 3.85V	2.1V ~ 3.85V
Package	Tube	Bulk	Tape & Reel (TR)	Tube
Mounting Type	Surface Mount	-	Surface Mount	Surface Mount
Max Propagation Delay @ V, Max CL	7ns @ 5V, 50pF	-	6.5ns @ 5V, 50pF	6ns @ 5V, 50pF
Package / Case	14-SOIC (0.154", 3.90mm Width)	-	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)
Supplier Device Package	14-SOIC	-	14-SOIC	14-SOIC
Series	74AC	*	74AC	74AC
Logic Type	Inverter	-	NOR Gate	Inverter
Base Product Number	74AC04	74AC04	74AC02	74AC05
Input Logic Level - Low	0.9V ~ 1.65V	-	0.9V ~ 1.65V	0.9V ~ 1.65V
Number of Circuits	6	-	4	6
Voltage - Supply	2V ~ 6V	-	2V ~ 6V	2V ~ 6V
Current - Quiescent (Max)	4 µA	-	4 µA	4 µA
Current - Output High, Low	24mA, 24mA	-	24mA, 24mA	-, 24mA
Features	-	-	-	Open Drain
Number of Inputs	1	-	2	1
Operating Temperature	-40°C ~ 85°C	-	-40°C ~ 85°C	-40°C ~ 85°C

MC74AC04DG Datasheet PDF

Download MC74AC04DG pdf datasheets and onsemi documentation for MC74AC04DG - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration MC74AC04DG.pdf](#)

PCN Assembly/Origin



















[2.73KHz.pdf](#)

HTML Datasheet

[HTML Datasheet](#)

Customers Also Interested in

Recommended Products

					
MC74AC04MEL onsemi IC INVERTER HEX TTL 14SOEIAJ	MC74AC02DR2 onsemi IC GATE NOR 4CH 2-INP 14SOIC	MC74AC05DG onsemi IC INVERTER OD 6CH 1-INP 14SOIC	MC74AC02DG onsemi IC GATE NOR 4CH 2-INP 14SOIC	MC74AC00DR2G onsemi IC GATE NAND 4CH 2-INP 14SOIC	MC74AC05DR2G onsemi IC INVERTER OD 6CH 1-INP 14SOIC
					
MC74AC02DR2G onsemi IC GATE NOR 4CH 2-INP 14SOIC	MC74AC00D onsemi IC GATE NAND 4CH 2-INP 14SOIC	MC74AC04DTR2 onsemi IC INVERTER 6CH 1-INP 14TSSOP	MC74A5-50T onsemi SERIAL SWITCH/DIGITAL SENSOR	MC74AC04DR2G onsemi IC INVERTER 6CH 1-INP 14SOIC	MC74AC08DR2 onsemi IC GATE AND 4CH 2-INP 14-SOIC
					
MC74AC04ADR2	MC74AC08D onsemi IC GATE AND 4CH 2-INP 14-SOIC	MC74AC04DTR2G onsemi IC INVERTER 6CH 1-INP 14TSSOP	MC74AC00DR2 onsemi IC GATE NAND 4CH 2-INP 14-SOIC	MC74AC02DTR2G onsemi IC GATE NOR 4CH 2-INP 14TSSOP	MC74AC00 MOTOROLA

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



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