MC14082BDG

Manufacturer Part Number	MC14082BDG
Manufacturer	onsemi
Allelco Part Number	32D-MC14082BDG
ECAD Model	Request Free CAD Models
Parts Description	IC GATE AND 2CH 4-INP 14SOIC
Package	14-SOIC (0.154', 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

Image may be representation.
See specifications for product details.

ON Semiconductor® ON

MC14082BDG - onsemi.New Original in Stock. Download Linear Technology MC14082BDG datasheet/specifications on AllelcoElec.com.
Request a quote for MC14082BDG, please send us email: info@allelco.com

Specifications

MC14082BDG Tech Specifications
MC14082BDG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	3V ~ 18V	Max Propagation Delay @ V, Max CL	100ns @ 15V, 50pF
Supplier Device Package	14-SOIC	Logic Type	AND Gate
Series	4000B	Input Logic Level - Low	1.5V ~ 4V
Package / Case	14-SOIC (0.154', 3.90mm Width)	Input Logic Level - High	3.5V ~ 11V
Package	Tube	Features	-
Operating Temperature	-55℃ ~ 125℃	Current - Quiescent (Max)	1 µA
Number of Inputs	4	Current - Output High, Low	8.8mA, 8.8mA
Number of Circuits	2	Base Product Number	MC14082

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC14082BDG

Product Attribute				
Part Number	MC14082BDG	MC14082BD	MC14081BFELG	MC14082BCP
Manufacturer	onsemi	onsemi	onsemi	onsemi
Number of Inputs	4	4	2	4
Base Product Number	MC14082	MC14082	MC14081	MC14082
Features	-	-	-	-
Current - Quiescent (Max)	1 µA	1 µA	1 µA	1 µA
Supplier Device Package	14-SOIC	14-SOIC	SOEIAJ-14	14-PDIP
Voltage - Supply	3V ~ 18V	3V ~ 18V	3V ~ 18V	3V ~ 18V
Series	4000B	4000B	4000B	4000B
Number of Circuits	2	2	4	2
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Max Propagation Delay @ V, Max CL	100ns @ 15V, 50pF	100ns @ 15V, 50pF	100ns @ 15V, 50pF	100ns @ 15V, 50pF
Input Logic Level - High	3.5V ~ 11V	3.5V ~ 11V	3.5V ~ 11V	3.5V ~ 11V
Package / Case	14-SOIC (0.154', 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.209', 5.30mm Width)	14-DIP (0.300", 7.62mm)
Operating Temperature	-55℃ ~ 125℃	-55℃ ~ 125℃	-55℃ ~ 125℃	-55℃ ~ 125℃
Current - Output High, Low	8.8mA, 8.8mA	8.8mA, 8.8mA	8.8mA, 8.8mA	8.8mA, 8.8mA
Package	Tube	Tube	Tape & Reel (TR)	Tube
Logic Type	AND Gate	AND Gate	AND Gate	AND Gate
Input Logic Level - Low	1.5V ~ 4V	1.5V ~ 4V	1.5V ~ 4V	1.5V ~ 4V

MC14082BDG Datasheet PDF

Download MC14082BDG pdf datasheets and onsemi documentation for MC14082BDG - onsemi.

Datasheets

Cylindrical Battery Holders.pdf

Environmental Information
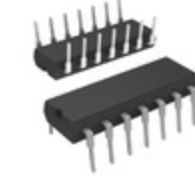
onsemi RoHS.pdf   onsemi REACH.pdf   Material Declaration MC14082BDG.pdf

Customers Also Interested in

Recommended Products

MC14082BD	**MC1408P8**	**MC14081BFELG**	**MC1408L8**	**MC14082BCP**	**MC14081BFEL**
onsemi	Texas Instruments	onsemi	MOTOROLA	onsemi	onsemi
IC GATE AND 2CH 4-INP 14SOIC	IC DAC 8BIT MULTIPLYING CASE 648	IC GATE AND 4CH 2-INP SOEIAJ-14		IC GATE AND 2CH 4-INP 14DIP	IC GATE AND 4CH 2-INP SOEIAJ-14

MC1408L8DS	**MC14082BAL**	**MC14093BAL**	**MC14082BCPG**	**MC14082BDR2G**	**MC14082BALD**
MOC	MOTOROLA	MOTOROLA	onsemi	onsemi	MOTOROLA
			IC GATE AND 2CH 4-INP 14DIP	IC GATE AND 2CH 4-INP 14SOIC	
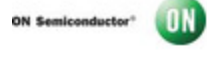
MC14093B	**MC14081BDR2**	**MC14081BDTR2G**	**MC1408P**	**MC14093BCL**	**MC14081BDR2G**
MOTOROLA	AMI Semiconductor/onsemi	onsemi	MOTOROLA	MOTOROLA	onsemi
		IC GATE AND 4CH 2-INP 14TSSOP			IC GATE AND 4CH 2-INP 14SOIC

◢ 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				DHL & FedEx Shipment Charges Reference	
Region	**Country**	**Logistic Time(Day)**		**Shipment charges(KG)**	**Reference DHL(USD$)**
America	United States	5		0.00kg-1.00kg	USD$60.00
	Brazil	7		1.00kg-2.00kg	USD$70.00
Europe	Germany	5		2.00kg-3.00kg	USD$80.00
	United Kingdom	4			
	Italy	5			
Oceania	Australia	6			
	New Zealand	7			
Asia	India	6			
	Japan	7			
Middle East	Israel	6			

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.

EAST WEST BANK   MasterCard   VISA   WESTERN UNION   PayPal

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Efficient Supply Management

Cost-Saving Procurement

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Contact us if you have any questions.

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Certifications & Memberships

ISO MEDICAL DEVICES ISO 13485:2016 QUALITY MANAGEMENT   CERTIFIED COMPANY ISO 9001:2015   CERTIFIED COMPANY ISO 14001:2015

ISO 28000:2007 Supply Chain Security Management   IPC Member   SMTA Surface Mount Technology Association

View More

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