

Image may be representation.  
See specifications for product details.



## MC33023DWR2G

Manufacturer Part Number	<b>MC33023DWR2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-MC33023DWR2G
ECAD Model	Request Free CAD Models
Parts Description	IC OFFLINE SWITCH FWD 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MC33023DWR2G - onsemi.New Original in Stock. Download Linear Technology MC33023DWR2G datasheet/specifications on AllelcoElec.com.  
Request a quote for MC33023DWR2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MC33023DWR2G Tech Specifications

MC33023DWR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Isolation	Isolated
Voltage - Supply (Vcc/Vdd)	8.4V ~ 30V	Operating Temperature	-40°C ~ 105°C (TA)
Voltage - Start Up	9.2 V	Mounting Type	Surface Mount
Voltage - Breakdown	-	Internal Switch(s)	No
Topology	Forward	Frequency - Switching	1MHz
Supplier Device Package	16-SOIC	Fault Protection	Current Limiting
Series	-	Duty Cycle	90%
Package / Case	16-SOIC (0.295", 7.50mm Width)	Control Features	Frequency Control, Soft Start
Package	Tape & Reel (TR)	Base Product Number	MC33023

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC33023DWR2G

Product Attribute				
Part Number	MC33023DWR2G	MC33023DW	MC33025DW	MC33023DWR2
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Start Up	9.2 V	9.2 V	9.2 V	9.2 V
Fault Protection	Current Limiting	Current Limiting	Current Limiting	Current Limiting
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-SOIC
Frequency - Switching	1MHz	1MHz	1MHz	1MHz
Operating Temperature	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)	-40°C ~ 105°C (TA)
Internal Switch(s)	No	No	No	No
Output Isolation	Isolated	Isolated	Isolated	Isolated
Control Features	Frequency Control, Soft Start	Frequency Control, Soft Start	Frequency Control, Soft Start	Frequency Control, Soft Start
Package / Case	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Vcc/Vdd)	8.4V ~ 30V	8.4V ~ 30V	8.4V ~ 30V	8.4V ~ 30V
Duty Cycle	90%	90%	45%	90%
Series	-	-	-	-
Voltage - Breakdown	-	-	-	-
Base Product Number	MC33023	MC33023	MC33025	MC33023
Topology	Forward	Forward	Half-Bridge	Forward
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)

### MC33023DWR2G Datasheet PDF

Download MC33023DWR2G pdf datasheets and onsemi documentation for MC33023DWR2G - onsemi.

#### Datasheets

Cylindrical Battery Holders.pdf

#### Environmental Information

onsemi RoHS.pdf



















Material Declaration MC33023DWR2G.pdf

#### PCN Obsolescence/ EOL

Cylindrical Battery Holders.pdf

### Customers Also Interested in

## Recommended Products

 <b>MC33002DR</b> AMI Semiconductor/onsemi	 <b>MC33023DW</b> onsemi IC OFFLINE SWITCH FWD 16SOIC	 <b>MC330063-00</b> MOTOROLA	 <b>MC32PF8121A0EP</b> NXP USA Inc. IC POWER MANAGEMENT	 <b>MC33025DW</b> onsemi IC OFFLINE SW HALF-BRDG 16SOIC	 <b>MC33023DWR2</b> onsemi IC OFFLINE SWITCH FWD 16SOIC
 <b>MC32PF8121EUEP</b> NXP USA Inc. IC POWER MANAGEMENT I.MX8M MINI	 <b>MC3302PG</b> onsemi IC COMPARATOR 4 GEN PUR 14DIP	 <b>MC3301P</b> AMI Semiconductor/onsemi	 <b>MC33002ADT</b> STMicroelectronics	 <b>MC3302D</b> onsemi IC COMPARATOR 14SOIC	 <b>MC3302DG</b> onsemi IC COMPARATOR 4 GEN PUR 14SOIC
 <b>MC33023DWG</b> onsemi IC OFFLINE SWITCH FWD 16SOIC	 <b>MC3302DR2G</b> onsemi IC COMPARATOR 4 GEN PUR 14SOIC	 <b>MC33025DWR2G</b> onsemi IC OFFLINE SW HALF-BRDG 16SOIC	 <b>MC33004AN</b> STMicroelectronics	 <b>MC3302P</b> onsemi IC COMP QUAD SINGLE SUPPLY 14DIP	 <b>MC33025P</b> onsemi IC OFFLINE SW HALF-BRDG 16DIP

## 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.

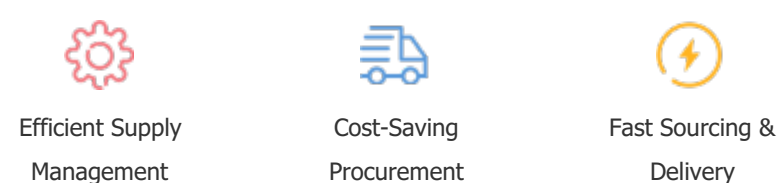
Contact us if you have any questions.

## 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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