



Image may be representation.  
See specifications for product details.

## CS5171GD8G

Manufacturer Part Number	<a href="#">CS5171GD8G</a>
Manufacturer	<a href="#">onsemi</a>
Allelco Part Number	32D-CS5171GD8G
ECAD Model	<a href="#">Request Free CAD Models</a>
Parts Description	IC REG MULT CONFIG ADJ 1.5A 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<a href="#">CS5171-74.pdf</a> <a href="#">CS5171-74.pdf</a>

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CS5171GD8G - onsemi.New Original in Stock. Download Linear Technology CS5171GD8G datasheet/specifications on AllelcoElec.com.  
Request a quote for CS5171GD8G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

CS5171GD8G Tech Specifications  
CS5171GD8G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tube
Voltage - Output (Min/Fixed)	1.28V	Output Type	Adjustable
Voltage - Output (Max)	40V (Switch)	Output Configuration	Positive or Negative
Voltage - Input (Min)	2.7V	Operating Temperature	0°C ~ 125°C (TJ)
Voltage - Input (Max)	30V	Number of Outputs	1
Topology	Buck, Boost, Flyback, Forward Converter, SEPIC	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Step-Up, Step-Down, Step-Up/Step-Down
Supplier Device Package	8-SOIC	Frequency - Switching	280kHz
Series	-	Current - Output	1.5A (Switch)
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	CS5171

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi CS5171GD8G

Product Attribute				
Part Number	CS5171GD8G	CS5172ED8G	CS5172GD8	CS5172EDR8
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Input (Min)	2.7V	2.7V	2.7V	2.7V
Current - Output	1.5A (Switch)	1.5A (Switch)	1.5A (Switch)	1.5A (Switch)
Voltage - Output (Min/Fixed)	1.28V	-2.45V	-2.45V	-2.45V
Voltage - Output (Max)	40V (Switch)	-40V (Switch)	-40V (Switch)	-40V (Switch)
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Series	-	-	-	-
Output Configuration	Positive or Negative	Positive or Negative	Positive or Negative	Positive or Negative
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Topology	Buck, Boost, Flyback, Forward Converter, SEPIC	Buck, Boost, Flyback, Forward Converter, SEPIC	Buck, Boost, Flyback, Forward Converter, SEPIC	Buck, Boost, Flyback, Forward Converter, SEPIC
Function	Step-Up, Step-Down, Step-Up/Step-Down	Step-Up, Step-Down, Step-Up/Step-Down	Step-Up, Step-Down, Step-Up/Step-Down	Step-Up, Step-Down, Step-Up/Step-Down
Operating Temperature	0°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	0°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Package	Tube	Tube	Tube	Tape & Reel (TR)
Voltage - Input (Max)	30V	30V	30V	30V
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Frequency - Switching	280kHz	280kHz	280kHz	280kHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	CS5171	CS5172	CS5172	CS5172
Number of Outputs	1	1	1	1
Synchronous Rectifier	No	No	No	No

### CS5171GD8G Datasheet PDF

Download CS5171GD8G pdf datasheets and onsemi documentation for CS5171GD8G - onsemi.

#### Datasheets

[CS5171-74.pdf](#)

#### Environmental Information












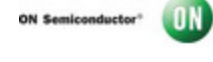






[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### HTML Datasheet

## Customers Also Interested in

### Recommended Products

					
<b>CS5172ED8G</b> onsemi IC REG MULT CONFG ADJ 1.5A 8SOIC	<b>CS5172GD8</b> onsemi IC REG MULT CONFG ADJ 1.5A 8SOIC	<b>CS5172EDR8</b> onsemi IC REG MULT CONFG ADJ 1.5A 8SOIC	<b>CS5172EDR8G</b> onsemi IC REG MULT CONFG ADJ 1.5A 8SOIC	<b>CS5171GDR8G</b> onsemi IC REG MULT CONFG ADJ 1.5A 8SOIC	<b>CS5165H</b> AMI Semiconductor/onsemi
					
<b>CS5171EDR8G</b> onsemi IC REG MULT CONFG ADJ 1.5A 8SOIC	<b>CS5173ED8</b> onsemi IC REG MULT CONFG ADJ 1.5A 8SOIC	<b>CS5172ED8</b> onsemi IC REG MULT CONFG ADJ 1.5A 8SOIC	<b>CS5173EDR8G</b> onsemi IC REG MULT CONFG ADJ 1.5A 8SOIC	<b>CS5171ED8</b> onsemi IC REG MULT CONFG ADJ 1.5A 8SOIC	<b>CS5165GDWR16</b> AMI Semiconductor/onsemi
					
<b>CS5165DWR16</b> CHERRY TANDARD	<b>CS5165DR</b> CS	<b>CS5172GDR8</b> onsemi IC REG MULT CONFG ADJ 1.5A 8SOIC	<b>CS5165HGDR16</b> onsemi SWITCHING CONTROLLER	<b>CS5171ED8G</b> onsemi IC REG MULT CONFG ADJ 1.5A 8SOIC	<b>CS5171GDR8</b> onsemi IC REG MULT CONFG ADJ 1.5A 8SOIC

## 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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