



Image may be representation.  
See specifications for product details.



## LM2575D2T-12R4G

Manufacturer Part Number	<b>LM2575D2T-12R4G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-LM2575D2T-12R4G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG BUCK 12V 1A D2PAK-5
Package	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
	<b>LM2575.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

LM2575D2T-12R4G - onsemi.New Original in Stock. Download Linear Technology LM2575D2T-12R4G datasheet/specifications on AllelcoElec.com.  
Request a quote for LM2575D2T-12R4G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

LM2575D2T-12R4G Tech Specifications  
LM2575D2T-12R4G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	12V	Output Type	Fixed
Voltage - Output (Max)	-	Output Configuration	Positive
Voltage - Input (Min)	4.75V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	40V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Step-Down
Supplier Device Package	D2PAK-5	Frequency - Switching	52kHz
Series	-	Current - Output	1A
Package / Case	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA	Base Product Number	LM2575

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi LM2575D2T-12R4G

Product Attribute				
Part Number	LM2575D2T-12R4G	LM2575BWM	LM2575-5.0YWM	LM2575D2T-3.3
Manufacturer	onsemi	Microchip Technology	Microchip Technology	onsemi
Number of Outputs	1	1	1	1
Topology	Buck	Buck	Buck	Buck
Function	Step-Down	Step-Down	Step-Down	Step-Down
Voltage - Input (Min)	4.75V	4V	4V	4.75V
Series	-	-	-	-
Synchronous Rectifier	No	No	No	No
Base Product Number	LM2575	LM2575	LM2575	LM2575
Package	Tape & Reel (TR)	Tube	Tube	Tube
Package / Case	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA	24-SOIC (0.295", 7.50mm Width)	24-SOIC (0.295", 7.50mm Width)	TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA
Supplier Device Package	D2PAK-5	24-SOIC	24-SOIC	D2PAK-5
Voltage - Output (Max)	-	37V	-	-
Voltage - Output (Min/Fixed)	12V	1.23V	5V	3.3V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Configuration	Positive	Positive	Positive	Positive
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	40V	40V	40V	40V
Output Type	Fixed	Adjustable	Fixed	Fixed
Frequency - Switching	52kHz	52kHz	52kHz	52kHz
Current - Output	1A	1A	1A	1A

### LM2575D2T-12R4G Datasheet PDF

Download LM2575D2T-12R4G pdf datasheets and onsemi documentation for LM2575D2T-12R4G - onsemi.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)



















[Material Declaration LM2575D2T-12R4G.pdf](#)

#### PCN Design/Specification

HTML Datasheet

Customers Also Interested in

Recommended Products

 <b>LM2575BWM</b> Microchip Technology IC REG BUCK ADJUSTABLE 1A 24SOIC	 <b>LM2575-5.0WU/TR</b> Micrel / Microchip Technology	 <b>LM2575-5.0YWWM</b> Microchip Technology IC REG BUCK 5V 1A 24SOIC	 <b>LM2575D2T-3.3</b> onsemi IC REG BUCK 3.3V D2PAK-5	 <b>LM2575D2T-3.3G</b> onsemi IC REG BUCK 3.3V D2PAK-5	 <b>LM2575-5.0YN</b> Microchip Technology IC REG BUCK 5V 1A 16DIP
 <b>LM2575D2T-5R4</b> onsemi IC REG BUCK 5V 1A D2PAK-5	 <b>LM2575D2T-15R4</b> onsemi IC REG BUCK 15V 1A D2PAK-5	 <b>LM2575D2T-012</b> onsemi IC REG BUCK 12V 1A D2PAK-5	 <b>LM2575D2T-15R4G</b> onsemi IC REG BUCK 15V 1A D2PAK-5	 <b>LM2575D2T-5G</b> onsemi IC REG BUCK 5V 1A D2PAK-5	 <b>LM2575BU</b> Microchip Technology IC REG BUCK ADJ 1A TO263-5
 <b>LM2575D2T-12</b> AMI Semiconductor/onsemi	 <b>LM2575D2T-3.3R4G</b> onsemi IC REG BUCK 3.3V D2PAK-5	 <b>LM2575D2T-5</b> AMI Semiconductor/onsemi	 <b>LM2575BT</b> Microchip Technology IC REG BUCK ADJ 1A TO220-5	 <b>LM2575-ADJ</b> NS	 <b>LM2575-5.0WU</b> Microchip Technology IC REG BUCK 5V 1A TO263-5

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.

-  Phone  
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info@allelco.com

Certifications & Memberships



View More

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