

### L7812ABV-DG

Manufacturer Part Number L7812ABV-DG

Manufacturer STMicroelectronics

Allelco Part Number 32D-L7812ABV-DG

ECAD Model

PCB Symbol, Footprint & 3D Mode

TO-220-3

Parts Description IC REG LINEAR 12V 1.5A TO220

Data sheet L78.pdf

Package

RoHs Status ROHS3 Compliant

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Image may be representation.

See specifications for product details.

L7812ABV-DG - STMicroelectronics.New Original in Stock. Download Linear Technology L7812ABV-DG datasheet/specifications on AllelcoElec.com. Request a quote for L7812ABV-DG, please send us email: info@allelco.com

### Specifications

L7812ABV-DG Tech Specifications

L7812ABV-DG - STMicroelectronics technical specifications, attributes, parameters

L7012ABV DG STPHCroclectronics technical specifications, attributes, parameters				
Product Attribute	Attribute Value	Product Attribute	Attribute Value	
Manufacturer	STMicroelectronics	PSRR	60dB (120Hz)	
Voltage Dropout (Max)	2V @ 1A (Typ)	Output Type	Fixed	
Voltage - Output (Min/Fixed)	12V	Output Configuration	Positive	
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C	
Voltage - Input (Max)	35V	Number of Regulators	1	
Supplier Device Package	TO-220	Mounting Type	Through Hole	
Series	-	Current - Quiescent (Iq)	6 mA	
Protection Features	Over Temperature, Short Circuit	Current - Output	1.5A	
Package / Case	TO-220-3	Control Features	-	
Package	Tube	Base Product Number	L7812	

# **Parts with Similar Specifications**

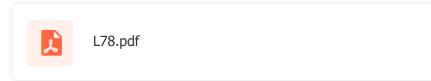
The three parts on the right have similar specifications to STMicroelectronics L7812ABV-DG

ne three parts on the right have similar spe	pecifications to STMicroelectronics L7812A	ABV-DG		
Product Attribute				
Part Number	L7812ABV-DG	L7812ACV-DG	L7812ABD2T	L7812ACD2T-TR
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Number of Regulators	1	1	1	1
Current - Quiescent (Iq)	6 mA	6 mA	6 mA	6 mA
Series	-	-	-	-
PSRR	60dB (120Hz)	60dB (120Hz)	60dB (120Hz)	60dB (120Hz)
Package	Tube	Tube	Tube	Tape & Reel (TR)
Package / Case	TO-220-3	TO-220-3	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB
Voltage - Output (Min/Fixed)	12V	12V	12V	12V
Base Product Number	L7812	L7812	L7812	L7812
Output Type	Fixed	Fixed	Fixed	Fixed
Operating Temperature	-40°C ~ 125°C	0°C ~ 125°C	-40°C ~ 125°C	0°C ~ 125°C
Protection Features	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit	Over Temperature, Short Circuit
Voltage - Output (Max)	-	-	-	-
Voltage Dropout (Max)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)	2V @ 1A (Typ)
Supplier Device Package	TO-220	TO-220	D2PAK	D2PAK
Current - Output	1.5A	1.5A	1.5A	1.5A
Voltage - Input (Max)	35V	35V	35V	35V
Output Configuration	Positive	Positive	Positive	Positive
Control Features	-	-	-	-
Mounting Type	Through Hole	Through Hole	Surface Mount	Surface Mount

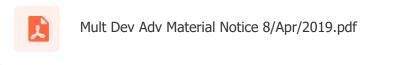
# **L7812ABV-DG Datasheet PDF**

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### HTML Datasheet



# PCN Design/Specification





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STMicroelectronics

L780S05-FA



L7812ABD2T STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK

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**L7810CDT-TR** STMicroelectronics

**L7812CD2T MOS** STMicroelectronics





STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK



L7810CV

STMicroelectronics IC REG LINEAR 10V 1.5A TO220AB



L7812ACD2T

STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK



L7812AB2T

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STMicroelectronics IC REG LINEAR 12V 1.5A TO220AB

L7812ABV



L780S05-FA MOS

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**L7812 MOS** STMicroelectronics



L7812ACV

STMicroelectronics IC REG LINEAR 12V 1.5A TO220AB



L7812AB

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L7812ABD2T-TR

STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK



L7812CD2T

STMicroelectronics IC REG LINEAR 12V 1.5A D2PAK

### **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		
America	Brazil	7		
	Germany	5		
Europe	United Kingdom	4		
	Italy	5		
Oceania	Australia	6		
Occariia	New Zealand	7		
Asia	India	6		
Asia	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.

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The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.











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Delivery





Phone +00852 9146 4856



# Certifications & Memberships













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