

Image may be representation.  
See specifications for product details.



## ST732M50R

Manufacturer Part Number	<b>ST732M50R</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-ST732M50R
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 5V 300MA SOT23-5
Package	SC-74A, SOT-753
Data sheet	<b>ST732.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

ST732M50R - STMicroelectronics.New Original in Stock. Download Linear Technology ST732M50R datasheet/specifications on AllelcoElec.com.  
Request a quote for ST732M50R, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

ST732M50R Tech Specifications  
ST732M50R - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Fixed
Voltage Dropout (Max)	1.2V @ 300mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	5V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	28V	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-5	Current - Supply (Max)	200 µA
Series	-	Current - Quiescent (Iq)	10 µA
Protection Features	Over Current, Over Temperature	Current - Output	300mA
Package / Case	SC-74A, SOT-753	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	ST732
PSRR	-		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics ST732M50R

Product Attribute				
Part Number	ST732M50R	ST732M30R	ST730M33R	ST732M33R
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Current - Output	300mA	300mA	300mA	300mA
Output Configuration	Positive	Positive	Positive	Positive
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature, Short Circuit	Over Current, Over Temperature	Over Current, Over Temperature
Number of Regulators	1	1	1	1
Series	-	-	-	-
Voltage - Input (Max)	28V	28V	28V	28V
Current - Supply (Max)	200 µA	200 µA	240 µA	200 µA
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Output (Max)	-	-	-	-
Current - Quiescent (Iq)	10 µA	10 µA	10 µA	10 µA
PSRR	-	-	75dB ~ 35dB (120Hz ~ 100kHz)	-
Output Type	Fixed	Fixed	Fixed	Fixed
Base Product Number	ST732	-	ST730	ST732
Package / Case	SC-74A, SOT-753	SC-74A, SOT-753	SC-74A, SOT-753	SC-74A, SOT-753
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	SOT-23-5	SOT-23-5	SOT-23-5	SOT-23-5
Control Features	-	Current Limit	Enable	-
Voltage - Output (Min/Fixed)	5V	3V	3.3V	3.3V
Voltage Dropout (Max)	1.2V @ 300mA	1.2V @ 300mA	1.2V @ 300mA	1.2V @ 300mA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)	-40°C ~ 125°C

### ST732M50R Datasheet PDF

Download ST732M50R pdf datasheets and STMicroelectronics documentation for ST732M50R - STMicroelectronics.

#### Datasheets

[ST732.pdf](#)

#### PCN Assembly/Origin

[New Lead-Frame 01/Sep/2020.pdf](#)

## Customers Also Interested in

### Recommended Products

<b>ST733C04LFL1</b>	<b>ST733C08LFLO</b>	<b>ST730C26L0</b>	<b>ST732M30R</b>	<b>ST733C02LF.0</b>	<b>ST730C20L0L</b>
IR IGBT Module	IR IGBT Module	IR IGBT Module	STMicroelectronics LINEAR IC'S	NO IGBT Module	IR IGBT Module
<b>ST730C24L0</b>	<b>ST733C04</b>	<b>ST730M33R</b>	<b>ST732M33R</b>	<b>ST7314</b>	<b>ST733C04L</b>
IR IGBT Module	IR IGBT Module	STMicroelectronics IC REG LINEAR 3.3V 300MA SOT23-5	STMicroelectronics IC REG LINEAR 3.3V 300MA SOT23-5	CHINA	IR IGBT Module
<b>ST7313</b>	<b>ST733C08</b>	<b>ST733C04LFM1</b>	<b>ST730C22L0</b>	<b>ST733C</b>	<b>ST7318</b>
CHINA	IR IGBT Module	IR IGBT Module	IR IGBT Module	IR IGBT Module	

## 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.

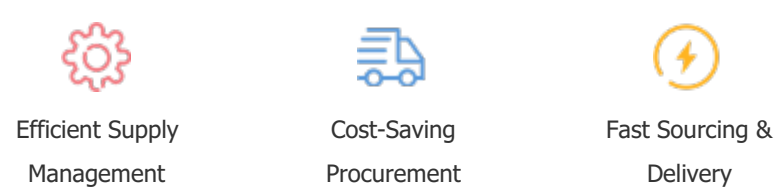
### Payment Support

The payment method can be chosen from the methods shown below:

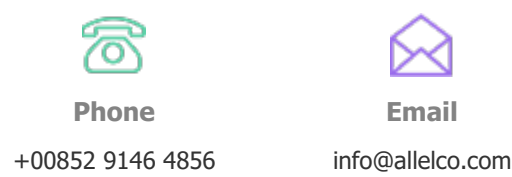
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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