

Image may be representation.
See specifications for product details.



MC33375ST-3.3T3G

Manufacturer Part Number	MC33375ST-3.3T3G
Manufacturer	onsemi
Allelco Part Number	32D-MC33375ST-3.3T3G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 3.3V 300MA SOT223
Package	TO-261-4, TO-261AA
Data sheet	MC,NCV33375 Series.pdf MC,NCV33375 Series.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MC33375ST-3.3T3G - onsemi.New Original in Stock. Download Linear Technology MC33375ST-3.3T3G datasheet/specifications on AllelcoElec.com.
Request a quote for MC33375ST-3.3T3G, please send us email: info@allelco.com

Specifications

MC33375ST-3.3T3G Tech Specifications
MC33375ST-3.3T3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	PSRR	75dB (120Hz)
Voltage Dropout (Max)	0.5V @ 300mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	3.3V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	13V	Number of Regulators	1
Supplier Device Package	SOT-223 (TO-261)	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	200 µA
Protection Features	Over Current, Over Temperature	Current - Output	300mA
Package / Case	TO-261-4, TO-261AA	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	MC33375

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi MC33375ST-3.3T3G

Product Attribute				
Part Number	MC33375ST-3.3T3G	MC33375D-5.0R2G	MC33375D-5.0	MC33375ST-1.8T3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	SOT-223 (TO-261)	8-SOIC	8-SOIC	SOT-223 (TO-261)
Output Type	Fixed	Fixed	Fixed	Fixed
Base Product Number	MC33375	MC33375	MC33375	MC33375
Number of Regulators	1	1	1	1
Output Configuration	Positive	Positive	Positive	Positive
Package / Case	TO-261-4, TO-261AA	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	TO-261-4, TO-261AA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Voltage Dropout (Max)	0.5V @ 300mA	0.5V @ 300mA	0.5V @ 300mA	0.5V @ 300mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Series	-	-	-	-
Voltage - Output (Max)	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
PSRR	75dB (120Hz)	75dB (120Hz)	75dB (120Hz)	75dB (120Hz)
Current - Output	300mA	300mA	300mA	300mA
Voltage - Output (Min/Fixed)	3.3V	5V	5V	1.8V
Control Features	Enable	Enable	Enable	Enable
Current - Quiescent (Iq)	200 µA	200 µA	200 µA	200 µA
Voltage - Input (Max)	13V	13V	13V	13V
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature

MC33375ST-3.3T3G Datasheet PDF

Download MC33375ST-3.3T3G pdf datasheets and onsemi documentation for MC33375ST-3.3T3G - onsemi.

Datasheets

[MC,NCV33375 Series.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)



















[onsemi RoHS.pdf](#)

[Material Declaration MC33375ST-3.3T3G.pdf](#)

HTML Datasheet

Customers Also Interested in

Recommended Products

 MC33375D-5.0R2G onsemi IC REG LINEAR 5V 300MA 8SOIC	 MC33375D-5.0 onsemi IC REG LINEAR 5V 300MA 8SOIC	 MC33375ST-3.3 AMI Semiconductor/onsemi	 MC33375ST-1.8T3G onsemi IC REG LINEAR 1.8V 300MA SOT223	 MC33375ST-2.5T3 onsemi IC REG LINEAR 2.5V 300MA SOT223	 MC33389CDW NXP USA Inc. IC INTERFACE SPECIALIZED 28SOIC
 MC33375ST-5.0T3G onsemi IC REG LINEAR 5V 300MA SOT223	 MC33375ST-5.0T3 onsemi IC REG LINEAR 5V 300MA SOT223	 MC33375ST-1.8T3 onsemi IC REG LINEAR 1.8V 300MA SOT223	 MC33375ST-5.0T3G MOS AMI Semiconductor/onsemi	 MC33375D-3.3R2G onsemi IC REG LINEAR 3.3V 300MA 8SOIC	 MC33375ST-3.0T3G onsemi IC REG LINEAR 3V 300MA SOT223
 MC33388DR2 NXP USA Inc. IC TOLERANT CAN INT FAULT 14SOIC	 MC33385VW NXP USA Inc. IC PWR SWITCH N-CHAN 1:1 20HSOP	 MC33375ST-3.3T3 onsemi IC REG LINEAR 3.3V 300MA SOT223	 MC33388D NXP USA Inc. IC CAN FAULT TOL INTRFACE 14SOIC	 MC33375ST-2.5T3G onsemi IC REG LINEAR 2.5V 300MA SOT223	 MC33385VWR2 NXP USA Inc. IC PWR SWITCH N-CHAN 1:1 20HSOP

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
+00852 9146 4856
-  Email
info@allelco.com

Certifications & Memberships



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