

Image may be representation.  
See specifications for product details.



## MIC5353-3.3YMT-TR

Manufacturer Part Number **MIC5353-3.3YMT-TR**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-MIC5353-3.3YMT-TR**

ECAD Model  PCB Symbol, Footprint & 3D Model

Parts Description **IC REG LINEAR 3.3V 500MA 6TMLF**

Package **6-UFDNF Exposed Pad, 6-TMLF®**

Data sheet **MIC5353.pdf**

**MIC5353.pdf**

RoHs Status  **ROHS3 Compliant**

**Get a Quote**

MIC5353-3.3YMT-TR - Microchip Technology, New Original in Stock. Download Linear Technology MIC5353-3.3YMT-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC5353-3.3YMT-TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

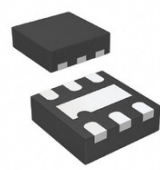



MIC5353-3.3YMT-TR Tech Specifications

MIC5353-3.3YMT-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	60dB (1kHz)
Voltage Dropout (Max)	0.35V @ 500mA	Output Type	Fixed
Voltage - Output (Min/Fixed)	3.3V	Output Configuration	Positive
Voltage - Output (Max)	-	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	6V	Number of Regulators	1
Supplier Device Package	6-TMLF® (1.6x1.6)	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	175 µA
Protection Features	Over Current, Over Temperature	Current - Output	500mA
Package / Case	6-UFDNF Exposed Pad, 6-TMLF®	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	MIC5353

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC5353-3.3YMT-TR

Product Attribute				
Part Number	MIC5353-3.3YMT-TR	MIC5355-SGYMME	MIC5353-2.8YMT-TR	MIC5356-JGYMME
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	-	-	-	-
Control Features	Enable	Enable	Enable	Enable
PSRR	60dB (1kHz)	60dB (1kHz)	60dB (1kHz)	60dB (1kHz)
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Voltage Dropout (Max)	0.35V @ 500mA	0.8V @ 500mA, 0.8V @ 500mA	0.35V @ 500mA	0.8V @ 500mA, 0.8V @ 500mA
Voltage - Output (Min/Fixed)	3.3V	1.8V, 3.3V	2.8V	1.8V, 2.5V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Quiescent (Iq)	175 µA	0.53 µA	175 µA	0.53 µA
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Base Product Number	MIC5353	MIC5355	MIC5353	MIC5356
Voltage - Output (Max)	-	-	-	-
Supplier Device Package	6-TMLF® (1.6x1.6)	8-MSOP-EP	6-TMLF® (1.6x1.6)	8-MSOP-EP
Output Type	Fixed	Fixed	Fixed	Fixed
Package / Case	6-UFDNF Exposed Pad, 6-TMLF®	8-TSSOP, 8-MSOP (0.118', 3.00mm Width) Exposed Pad	6-UFDNF Exposed Pad, 6-TMLF®	8-TSSOP, 8-MSOP (0.118', 3.00mm Width) Exposed Pad
Number of Regulators	1	2	1	2
Voltage - Input (Max)	6V	5.5V	6V	5.5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Configuration	Positive	Positive	Positive	Positive
Current - Output	500mA	500mA, 500mA	500mA	500mA, 500mA


## MIC5353-3.3YMT-TR Datasheet PDF

Download MIC5353-3.3YMT-TR pdf datasheets and Microchip Technology documentation for MIC5353-3.3YMT-TR - Microchip Technology.


### Datasheets

 [MIC5353.pdf](#)


### PCN Packaging

 [Packing Changes 10/Oct/2016.pdf](#)

### PCN Part Number

 Micrel to Microchip PN Changes 7/Oct/2015.pdf


## PCN Assembly/Origin

 Final Release to PROD 22/Feb/2017.pdf

## HTML Datasheet




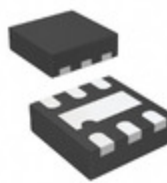





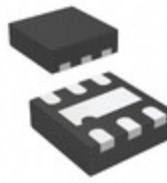






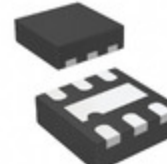

 MIC5353.pdf

## PCN Design/Specification

 MIC5353 11/Mar/2021.pdf

## Customers Also Interested in

### Recommended Products

 <b>MIC5355-SGYMME</b> Microchip Technology IC REG LINEAR 1.8V/3.3V 8MSOP	 <b>MIC5353-1.8YMTR</b> Micrel / Microchip Technology	 <b>MIC5353YMTR</b> Micrel / Microchip Technology	 <b>MIC5353-2.8YMT-TR</b> Microchip Technology IC REG LINEAR 2.8V 500MA 6TMLF	 <b>MIC5356-JGYMME</b> Microchip Technology IC REG LINEAR 1.8V/2.5V 8MSOP	 <b>MIC5356-G4YMME</b> Microchip Technology IC REG LINEAR 1.2V/1.8V 8MSOP
 <b>MIC5335-SSYMT-TR</b> Microchip Technology IC REG LINEAR 3.3V/3.3V 6TMLF	 <b>MIC5335-SGYMTR</b> Micrel / Microchip Technology	 <b>MIC5356-MGYMLTR</b> Micrel / Microchip Technology	 <b>MIC5353YMT-TR</b> Microchip Technology IC REG LIN POS ADJ 500MA 6TMLF	 <b>MIC5353-3.3YMT/TR</b> Micrel / Microchip Technology	 <b>MIC5338-G4YMTTR</b> Micrel / Microchip Technology
 <b>MIC5353YMT</b> Micrel / Microchip Technology	 <b>MIC5356-MGYML/TR</b> Micrel / Microchip Technology	 <b>MIC5335-SJYMT</b> Micrel Inc. DUAL, HIGH PERFORMANCE 300MA MIC	 <b>MIC5335-SGYMT/TR</b> MIC	 <b>MIC5353-2.5YMT-TR</b> Microchip Technology IC REG LINEAR 2.5V 500MA 6TMLF	 <b>MIC5350-SGYMT-TR</b> Microchip Technology IC REG LINEAR 3.3V/1.8V 8TMLF

## 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.



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-  Cost-Saving Procurement
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Contact us if you have any questions.

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