

Image may be representation.
See specifications for product details.



MIC94325YMT-TR

Manufacturer Part Number	MIC94325YMT-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC94325YMT-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LIN POS ADJ 500MA 6TDFN
Package	6-UFDNF Exposed Pad
Data sheet	MIC94325,45,55 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MIC94325YMT-TR - Microchip Technology.New Original in Stock. Download Linear Technology MIC94325YMT-TR datasheet/specifications on AllelcoElec.com.
Request a quote for MIC94325YMT-TR, please send us email: info@allelco.com

Specifications

MIC94325YMT-TR Tech Specifications
MIC94325YMT-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	85dB ~ 50dB (100Hz ~ 5MHz)
Voltage Dropout (Max)	0.2V @ 500mA	Output Type	Adjustable
Voltage - Output (Min/Fixed)	1.2V	Output Configuration	Positive
Voltage - Output (Max)	3.4V	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	3.6V	Number of Regulators	1
Supplier Device Package	6-TDFN (1.6x1.6)	Mounting Type	Surface Mount
Series	Ripple Blocker™	Current - Quiescent (Iq)	250 µA
Protection Features	Over Current, Over Temperature	Current - Output	500mA
Package / Case	6-UFDNF Exposed Pad	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	MIC94325

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC94325YMT-TR

Product Attribute				
Part Number	MIC94325YMT-TR	MIC94345-4YMT-TR	MIC94310-PYM5-TR	MIC94310-MYM5-TR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Output (Min/Fixed)	1.2V	1.2V	3V	2.8V
Control Features	Enable	Enable	Enable	Enable
Voltage Dropout (Max)	0.2V @ 500mA	0.2V @ 500mA	0.1V @ 200mA	0.1V @ 200mA
Number of Regulators	1	1	1	1
Output Configuration	Positive	Positive	Positive	Positive
Output Type	Adjustable	Fixed	Fixed	Fixed
Package / Case	6-UFDNF Exposed Pad	6-UFDNF Exposed Pad	SC-74A, SOT-753	SC-74A, SOT-753
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Quiescent (Iq)	250 µA	250 µA	250 µA	250 µA
Voltage - Output (Max)	3.4V	-	-	-
Current - Output	500mA	500mA	200mA	200mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	MIC94325	MIC94345	MIC94310	MIC94310
Supplier Device Package	6-TDFN (1.6x1.6)	6-TDFN (1.6x1.6)	SOT-23-5	SOT-23-5
PSRR	85dB ~ 50dB (100Hz ~ 5MHz)	85dB ~ 50dB (100Hz ~ 5MHz)	85dB ~ 50dB (100Hz ~ 10MHz)	85dB ~ 50dB (100Hz ~ 10MHz)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Ripple Blocker™	Ripple Blocker™	Ripple Blocker™	Ripple Blocker™
Voltage - Input (Max)	3.6V	3.6V	3.6V	3.6V

MIC94325YMT-TR Datasheet PDF

Download MIC94325YMT-TR pdf datasheets and Microchip Technology documentation for MIC94325YMT-TR - Microchip Technology.

Datasheets

MIC94325,45,55 Datasheet.pdf

PCN Packaging

Packing Changes 10/Oct/2016.pdf

PCN Part Number



















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

PCN Design/Specification

MIC94325/45/55 31/Mar/2021.pdf

Customers Also Interested in

Recommended Products

					
MIC94355-GYCSTR Micrel / Microchip Technology	MICA103267 Micrel / Microchip Technology	MIC95410YFL-TR Microchip Technology IC PWR SWITCH N-CHAN 1:1 10FQFN	MIC94345-4YMT-TR Microchip Technology IC REG LINEAR 1.2V 500MA 6TDFN	MIC94310-MYMT/TR Micrel / Microchip Technology	MIC94355-GYMTTR Micrel / Microchip Technology
					
MIC94310-PYM5-TR Microchip Technology IC REG LINEAR 3V 200MA SOT23-5	MICR0SMD035F-2 TYCORaych	MIC94310-NYCSTR Micrel / Microchip Technology	MIC94310-NYMTTR Micrel / Microchip Technology	MICR0SMD050F-2 TYCORAYCHEM	MICE2P HALLINONE
					
MIC94310-SYCSTR Micrel / Microchip Technology	MIC94310-MYM5-TR Microchip Technology IC REG LINEAR 2.8V 200MA SOT23-5	MIC94310-PYCSTR Micrel / Microchip Technology	MIC94310-PYMT-TR Microchip Technology IC REG LINEAR 3V 200MA 4TDFN	MIC94310-SYMT/TR Micrel / Microchip Technology	MIC94310-PYMTTR Micrel / Microchip Technology

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

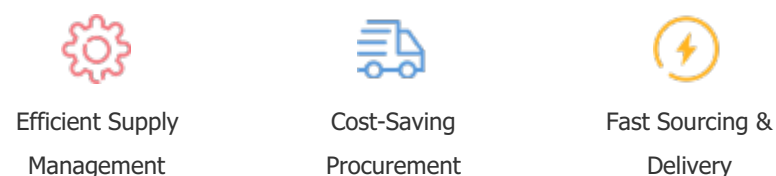
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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Contact us

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