

MIC5514-2.8YMT-T5



Part Number: [MIC5514-2.8YMT-T5](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 2.8V 300mA 6TDFN

Data sheet:  [MIC5512,14 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

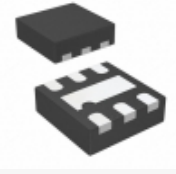
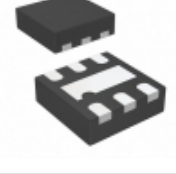
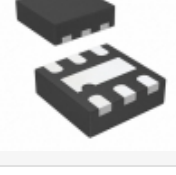
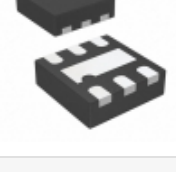
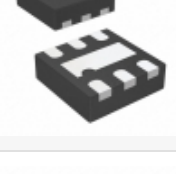
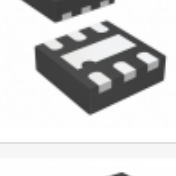
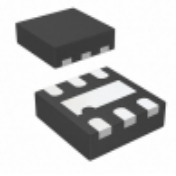
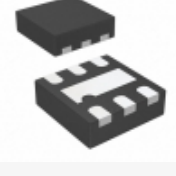
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PRODUCT PARAMETER			
Part Number	MIC5514-2.8YMT-T5	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 2.8V 300mA 6TDFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	225645 pcs	Data sheet	MIC5512,14 Datasheet
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.38V @ 300mA
Voltage - Output (Min/Fixed)	2.8V	Voltage - Output (Max)	-
Voltage - Input (Max)	5.5V	Supplier Device Package	6-TDFN (1.6x1.6)
Series	-	Protection Features	-
Packaging	Tape & Reel (TR)	Package / Case	6-UFDNF Exposed Pad
PSRR	65dB (1kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	MIC5514-2.8YMTT5 MIC5514-2.8YMTT5-ND
Operating Temperature	-40°C ~ 125°C	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 2.8V 300mA 6-TDFN (1.6x1.6)	Current - Supply (Max)	65µA
Current - Quiescent (Iq)	55µA	Current - Output	300mA
Control Features	Enable	Base Part Number	MIC5514-2.8
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	Part#: MIC5524-1.8YMT-T5 Description: IC REG LINEAR 1.8V 500MA 4TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5512-2.8YMT-T5 Description: IC REG LINEAR 2.8V 300MA 6TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5512-1.8YMT-T5 Description: IC REG LINEAR 1.8V 300MA 6TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5524-1.2YMT-TZ Description: IC REG LINEAR 1.2V 500MA 4TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5512-3.3YMT-TR Description: IC REG LINEAR 3.3V 300MA 6TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5512-2.8YMT-TR Description: IC REG LINEAR 2.8V 300MA 6TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5514-3.0YMT-T5 Description: IC REG LINEAR 3V 300MA 6TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5514-3.0YMT-TR Description: IC REG LINEAR 3V 300MA 6TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5524-2.5YMT-T5 Description: IC REG LINEAR 2.5V 500MA 4TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5514-1.2YMT-TR Description: IC REG LINEAR 1.2V 300MA 6TDFN	Manufacturers: Micrel / Microchip Technology	RFQ

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