

MICROCHIP

Micrel / Microchip Technology



MIC5501-1.8YMT-T5

Part Number:	MIC5501-1.8YMT-T5
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG LINEAR 1.8V 300MA 4TDFN
Datasheets:	 MIC5501-1.8YMT-T5.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

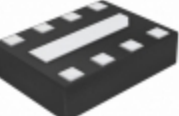
Specifications of MIC5501-1.8YMT-T5

PART NUMBER	MIC5501-1.8YMT-T5
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG LINEAR 1.8V 300MA 4TDFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MIC5501-1.8YMT-T5.pdf
VOLTAGE DROPOUT (MAX)	0.38V @ 300mA
VOLTAGE - OUTPUT (MIN/FIXED)	1.8V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	5.5V
SUPPLIER DEVICE PACKAGE	4-TDFN (1x1)
SERIES	-
PROTECTION FEATURES	Over Current, Over Temperature
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	4-UDFN Exposed Pad
PSRR	60dB (1kHz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OTHER NAMES	MIC5501-1.8YMTT5 MIC5501-1.8YMTT5-ND
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF REGULATORS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 300mA 4-TDFN (1x1)
CURRENT - SUPPLY (MAX)	65µA
CURRENT - QUIESCENT (IQ)	55µA
CURRENT - OUTPUT	300mA
CONTROL FEATURES	Enable
BASE PART NUMBER	MIC5501

Related Tags

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Related Products

 MIC5501-3.0YMT-T5 Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3V 300MA 4TDFN In stock: Out stock RFQ	 MIC5501-3.0YM5-TR Manufacturers: Microchip Technology Description: IC REG LDO 3V 0.3A SOT23-5 In stock: Out stock RFQ
 MIC5400BWM Manufacturers: Micrel / Microchip Technology Description: IC LED DRIVER LINEAR 30MA 28SOIC In stock: Out stock RFQ	 MIC5400BWM-TR Manufacturers: Micrel / Microchip Technology Description: IC LED DRIVER LINEAR 30MA 28SOIC In stock: Out stock RFQ
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 MIC5399-SSYMX-T5 Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V/3.3V 8DFN In stock: 401 pcs RFQ	 MIC5501-1.8YMT-TZ Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 1.8V 300MA 4TDFN In stock: Out stock RFQ
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