

 **MICROCHIP**

Micrel / Microchip Technology

MIC5209-3.0YU-TR

Part Number:	MIC5209-3.0YU-TR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description	IC REG LINEAR 3V 500MA TO263-5
Datasheets:	 MIC5209-3.0YU-TR.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 MIC5209-3.0YU-TR

PART NUMBER	MIC5209-3.0YU-TR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC REG LINEAR 3V 500MA TO263-5
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MIC5209-3.0YU-TR.pdf
VOLTAGE DROPOUT (MAX)	0.6V @ 500mA
VOLTAGE - OUTPUT (MIN/FIXED)	3V
VOLTAGE - OUTPUT (MAX)	-
VOLTAGE - INPUT (MAX)	16V
SUPPLIER DEVICE PACKAGE	TO-263-5
SERIES	-
PROTECTION FEATURES	Over Current, Over Temperature, Reverse Polarity
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	TO-263-6, D²Pak (5 Leads + Tab), TO-263BA
PSRR	75dB (120Hz)
OUTPUT TYPE	Fixed
OUTPUT CONFIGURATION	Positive
OTHER NAMES	MIC5209-3.0YU TR MIC5209-3.0YU TR-ND MIC5209-3.0YUTR MIC5209-3.0YUTR-ND
OPERATING TEMPERATURE	-40°C ~ 125°C
NUMBER OF REGULATORS	1
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	10 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DETAILED DESCRIPTION	Linear Voltage Regulator IC Positive Fixed 1 Output 3V 500mA TO-263-5
CURRENT - SUPPLY (MAX)	25mA
CURRENT - QUIESCENT (IQ)	170µA
CURRENT - OUTPUT	500mA
CONTROL FEATURES	Enable
BASE PART NUMBER	MIC5209

Related Tags

Micrel / Microchip Technology MIC5209-3.0YU-TR	MIC5209-3.0YU-TR Distributor	MIC5209-3.0YU-TR Supplier
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 MIC5209-3.0YU Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3V 500MA TO263-5 In stock: Out stock RFQ	 MIC5209-3.3BU TR Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V 500MA TO263-5 In stock: Out stock RFQ
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 MIC5209-3.3BM-TR Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V 500MA 8SOIC In stock: Out stock RFQ	 MIC5209-3.3BS Manufacturers: Micrel / Microchip Technology Description: IC REG LINEAR 3.3V 500MA SOT223 In stock: Out stock RFQ
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