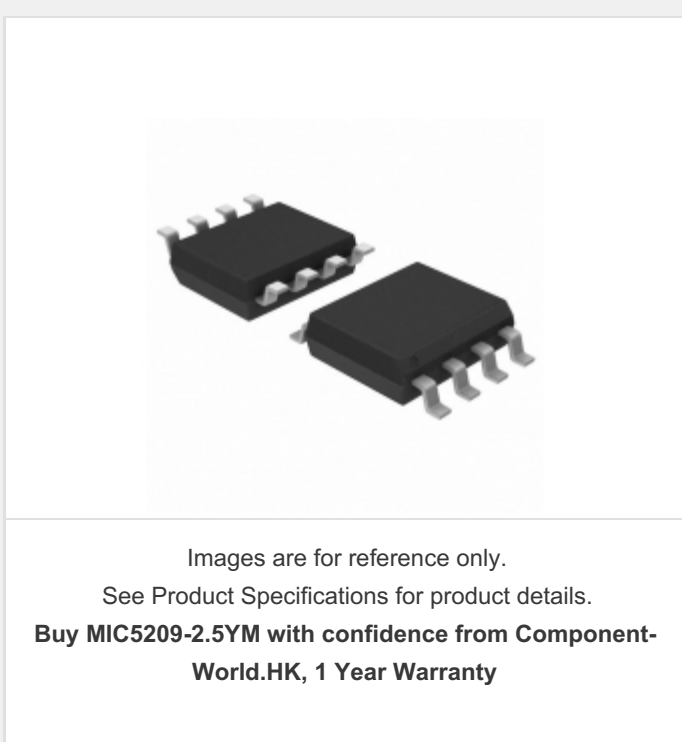


**MIC5209-2.5YM**



**Part Number:** [MIC5209-2.5YM](#)  
**Manufacturer:** [Micrel / Microchip Technology](#)  
**Description:** IC REG LINEAR 2.5V 500MA 8SOIC  
**Data sheet:** [MIC5209](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	MIC5209-2.5YM	Manufacturer	<a href="#">Micrel / Microchip Technology</a>
Description	IC REG LINEAR 2.5V 500MA 8SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	63510 pcs	Data sheet	<a href="#">MIC5209</a>
Category	<a href="#">Integrated Circuits (ICs)</a>	Voltage Dropout (Max)	0.6V @ 500mA
Voltage - Output (Min/Fixed)	2.5V	Voltage - Output (Max)	-
Voltage - Input (Max)	16V	Supplier Device Package	8-SOIC
Series	-	Protection Features	Over Current, Over Temperature, Reverse Polarity
Packaging	Tube	Package / Case	8-SOIC (0.154", 3.90mm Width)
PSRR	75dB (120Hz)	Output Type	Fixed
Output Configuration	Positive	Operating Temperature	-40°C ~ 125°C
Number of Regulators	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	2 (1 Year)	Manufacturer Standard Lead Time	16 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 500mA 8-SOIC
Current - Supply (Max)	25mA	Current - Quiescent (Iq)	170µA
Current - Output	500mA	Control Features	Enable
Base Part Number	MIC5209		

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RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

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	Part#: <a href="#">MIC5209-2.5BM</a> Description: IC REG LINEAR 2.5V 500MA 8SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MIC5209-2.5BS TR</a> Description: IC REG LINEAR 2.5V 500MA SOT223	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MIC5209-1.8YU-TR</a> Description: IC REG LINEAR 1.8V 500MA TO263-5	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">MIC5209-2.5BS</a> Description: IC REG LINEAR 2.5V 500MA SOT223	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MIC5209-3.0BS</a> Description: IC REG LINEAR 3V 500MA SOT223	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MIC5209-1.8YU</a> Description: IC REG LINEAR 1.8V 500MA TO263-5	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MIC5209-2.5YS-TR</a> Description: IC REG LINEAR 2.5V 500MA SOT223	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">MIC5209-2.5YM-TR</a> Description: IC REG LINEAR 2.5V 500MA 8SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
	Part#: <a href="#">MIC5209-1.8YM-TR</a> Description: IC REG LINEAR 1.8V 500MA 8SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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	Part#: <a href="#">MIC5209-3.0BM</a> Description: IC REG LINEAR 3V 500MA 8SOIC	Manufacturers: <a href="#">Micrel / Microchip Technology</a>	<a href="#">RFQ</a>
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