

# **MIC5209-2.5BS TR**

#### MIC5209-2.5BS TR Information



Part Number	MIC5209-2.5BS TR	
Manufacturer	Microchip Technology	
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
Description	IC REG LINEAR 2.5V 500MA SOT223	
Package	TO-261-4, TO-261AA	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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## **MIC5209-2.5BS TR Specifications**

Manufacturer Part NumberMIC5209-2.5BS TRManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackageTO-261-4, TO-261AASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)2.5VVoltage Duput (Max)0.6V @ 500mACurrent - Output500mACurrent - Output (Max)170µA ~ 25mAPSRR75dB (120Hz)Posterion Features-Portection Features-Output Type-Surger Surger		
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageTO-261-4, TO-261AASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)170µA ~ 25mAPSRR-Potection Features-Output Factures-Potection Features-Over Current, Over Temperature, Reverse Polarity-Operating Temperature-40°C ~ 125°C	Manufacturer Part Number	MIC5209-2.5BS TR
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Voltage - Input (Max) 16V   Voltage - Output (Min/Fixed) 2.5V   Voltage - Output (Max) -   Voltage Dropout (Max) 0.6V @ 500mA   Current - Output 500mA   Current - Quiescent (Iq) -   Current - Supply (Max) 170μA ~ 25mA   PSRR 75dB (120Hz)   Control Features -   Protection Features -   Querent, Over Temperature, Reverse Polarity -	Output Type	Fixed
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Voltage Dropout (Max)0.6V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)170μA ~ 25mAPSRR75dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°C	Voltage - Output (Min/Fixed)	2.5V
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PSRR75dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°C	Current - Quiescent (Iq)	-
Control Features-Protection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°C	Current - Supply (Max)	170μA ~ 25mA
Protection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°C	PSRR	75dB (120Hz)
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Control Features	-
	Protection Features	Over Current, Over Temperature, Reverse Polarity
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Package / Case TO-261-4, TO-261AA	Package / Case	TO-261-4, TO-261AA
Supplier Device Package SOT-223	Supplier Device Package	SOT-223
Report errors?		Report errors?

#### MIC5209-2.5BS TR Guarantees



Quality Guarantees

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### MIC5209-2.5BS TR Payment Methods



### MIC5209-2.5BS TR Shipping Methods



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