



MIC5200-3.0BS Information



For Reference Only

Part Number MIC5200-3.0BS

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 3V 100MA 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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MIC5200-3.0BS Specifications

Manufacturer Part Number MiC5200-3.0BS Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package TO-261-4, TO-261AA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 26V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage - Output (Max) 0.35V @ 100mA Current - Output 100mA Current - Supply (Max) 350µA ~ 1.5mA PSRR - Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223	*	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-261-4, TO-261AA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 26V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.35V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) 350μA ~ 1.5mA PSRR - Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223	Manufacturer Part Number	MIC5200-3.0BS
Package TO-261-4, TO-261AA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 26V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.35V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) 350μA ~ 1.5mA PSRR - Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223	Manufacturer	Microchip Technology
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 26V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.35V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) 350μA ~ 1.5mA PSRR - Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)350μA ~ 1.5mAPSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Package	TO-261-4, TO-261AA
Output TypeFixedNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)350μA ~ 1.5mAPSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Series	-
Number of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)350μA ~ 1.5mAPSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Output Configuration	Positive
Voltage - Input (Max)26VVoltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)350μA ~ 1.5mAPSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Output Type	Fixed
Voltage - Output (Min/Fixed)3VVoltage - Output (Max)-Voltage Dropout (Max)0.35V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)350μA ~ 1.5mAPSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 100mA Current - Quiescent (Iq) Current - Supply (Max) PSRR - Control Features Protection Features Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package - 0.35V @ 100mA 100mA	Voltage - Input (Max)	26V
Voltage Dropout (Max)0.35V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)350μA ~ 1.5mAPSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Voltage - Output (Min/Fixed)	3V
Current - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)350μA ~ 1.5mAPSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)350μA ~ 1.5mAPSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Voltage Dropout (Max)	0.35V @ 100mA
Current - Supply (Max)350μA ~ 1.5mAPSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223	Current - Output	100mA
PSRR Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Current - Supply (Max)	350μA ~ 1.5mA
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223	PSRR	-
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223	Control Features	-
Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223	Protection Features	Over Current, Over Temperature
Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223	Operating Temperature	-40°C ~ 125°C
Supplier Device Package SOT-223	Mounting Type	Surface Mount
	Package / Case	TO-261-4, TO-261AA
Report errors?	Supplier Device Package	SOT-223
		Report errors?

MIC5200-3.0BS 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 Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MIC5200-3.0BS Payment Methods



















MIC5200-3.0BS Shipping Methods













If you have any question about MIC5200-3.0BS, please do not hesitate to contact us!

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