



MIC29310-5.0BT Information



For Reference Only

Part NumberMIC29310-5.0BTManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 5V 3A TO220-3

Package TO-220-3

Description

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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Certified Quality

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MIC29310-5.0BT Specifications

Manufacturer MIC29310-5.0BT Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package TO-220-3 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 1V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 20mA ~ 150mA PSRR - Control Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3 Supplier Device Package TO-220-3		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-220-3 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 1V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 20mA ~ 150mA PSRR - Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Manufacturer Part Number	MIC29310-5.0BT
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage - Output (Max) 1V @ 3A Current - Output (Max) 1V @ 3A Current - Quiescent (Iq) - Current - Supply (Max) 20mA ~ 150mA PSRR - Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)1V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)20mA ~ 150mAPSRR-Control Features-Protection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature0°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-3Supplier Device PackageTO-220-3	Package	TO-220-3
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Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) 1V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 1V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 20mA ~ 150mA PSRR - Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package To-220-3	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 1V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 20mA ~ 150mA PSRR - Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Voltage - Input (Max)	16V
Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TV @ 3A 1V @ 3A 1V @ 3A Current - Output A Device 3A A	Voltage - Output (Min/Fixed)	5V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR - Control Features Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature O°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR - Control Features Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature O°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Voltage Dropout (Max)	1V @ 3A
Current - Supply (Max) PSRR - Control Features - Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature O°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Current - Output	3A
PSRR - Control Features - Over Current, Over Temperature, Reverse Polarity Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature, Reverse Polarity Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Current - Supply (Max)	20mA ~ 150mA
Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	PSRR	-
Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Control Features	-
Mounting Type Through Hole Package / Case TO-220-3 Supplier Device Package TO-220-3	Protection Features	Over Current, Over Temperature, Reverse Polarity
Package / Case TO-220-3 Supplier Device Package TO-220-3	Operating Temperature	0°C ~ 125°C
Supplier Device Package TO-220-3	Mounting Type	Through Hole
	Package / Case	TO-220-3
Report errors?	Supplier Device Package	TO-220-3
		Report errors?

MIC29310-5.0BT 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.

MIC29310-5.0BT Payment Methods



















MIC29310-5.0BT Shipping Methods













If you have any question about MIC29310-5.0BT, please do not hesitate to contact us!

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