



BA80BC0T Information



For Reference Only

Part Number BA80BC0T

Manufacturer Rohm Semiconductor

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 8V 1A TO220FP

Package TO-220-3 Full Pack

For the pricing/inventory/lead time, please contact

us

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



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BA80BC0T Specifications

Manufacturer Part NumberBA80BCOTManufacturerRohm SemiconductorCategoryIntegrated Circuits (ICs)PackageTO-220-3 Full PackSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)0.5mA ~ 0.9mAPSRR-Control Features-Protection FeaturesOver Current, Over Temperature		
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageTO-220-3 Full PackSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)0.5mA ~ 0.9mAPSRR-Control Features-Protection FeaturesOver Current, Over Temperature	Manufacturer Part Number	BA80BC0T
Package TO-220-3 Full Pack Series - Coutput Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 8V Voltage - Output (Max) - Current - Output 1 Current - Quiescent (Iq) - Current - Supply (Max) 0.5mA ~ 0.9mA PSRR - Control Features Over Current, Over Temperature	Manufacturer	Rohm Semiconductor
Package TO-220-3 Full Pack Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 8V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 0.5mA ~ 0.9mA PSRR - Control Features - Protection Features Over Current, Over Temperature	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 8V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output (Max) 1A Current - Quiescent (Iq) - Current - Supply (Max) 0.5mA ~ 0.9mA PSRR - Control Features Over Current, Over Temperature		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)16VVoltage - Output (Min/Fixed)8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)0.5mA ~ 0.9mAPSRR-Control Features-Protection FeaturesOver Current, Over Temperature	Package	TO-220-3 Full Pack
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Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Over Current, Over Temperature	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features - Protection Features - Over Current, Over Temperature	Voltage - Input (Max)	16V
Voltage Dropout (Max) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Protection Features - Over Current, Over Temperature	Voltage - Output (Min/Fixed)	8V
Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 0.5mA ~ 0.9mA PSRR - Control Features - Protection Features Over Current, Over Temperature	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) 0.5mA ~ 0.9mA PSRR - Control Features - Protection Features Over Current, Over Temperature	Voltage Dropout (Max)	-
Current - Supply (Max) PSRR - Control Features - Protection Features Over Current, Over Temperature	Current - Output	1A
PSRR - Control Features - Over Current, Over Temperature	Current - Quiescent (Iq)	-
Control Features - Protection Features Over Current, Over Temperature	Current - Supply (Max)	$0.5\text{mA} \sim 0.9\text{mA}$
Protection Features Over Current, Over Temperature	PSRR	-
, I	Control Features	-
000 1050C	Protection Features	Over Current, Over Temperature
Operating Temperature -40°C ~ 105°C	Operating Temperature	-40°C ~ 105°C
Mounting Type Through Hole	Mounting Type	Through Hole
Package / Case TO-220-3 Full Pack	Package / Case	TO-220-3 Full Pack
Supplier Device Package TO-220FP	Supplier Device Package	TO-220FP
Report errors?		Report errors?

BA80BC0T 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.

BA80BC0T Payment Methods



















BA80BC0T Shipping Methods













If you have any question about BA80BC0T, please do not hesitate to contact us!

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