



MIC5207-3.3YZ TR Information



For Reference Only

Part NumberMIC5207-3.3YZ TRManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 3.3V 180MA TO92-3

Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)

For the pricing/inventory/lead time, please contact

us

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



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MIC5207-3.3YZ TR Specifications

Manufacturer Part Number MIC5207-3.3YZ TR Manufacturer Microchip Technology Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.4V @ 150mA Current - Output 180mA Current - Quiescent (Iq) - Current - Supply (Max) 170μA ~ 3μA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Through Hole		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-226-3, TO-92-3 (TO-226AA) (Formed Leads) Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.4V @ 150mA Current - Output 180mA Current - Quiescent (Iq) - Current - Supply (Max) 170μA ~ 3μA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C	Manufacturer Part Number	MIC5207-3.3YZ TR
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Manufacturer	Microchip Technology
PackageTO-226-3, TO-92-3 (TO-226AA) (Formed Leads)Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max) $16V$ Voltage - Output (Min/Fixed) $3.3V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.4V @ 150mA$ Current - Output $180mA$ Current - Quiescent (Iq)-Current - Supply (Max) $170\mu A \sim 3\mu A$ PSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.4V @ 150mA Current - Output 180mA Current - Quiescent (Iq) - Current - Supply (Max) 170μA ~ 3μA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C		PMIC - Voltage Regulators - Linear
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Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.4V @ 150mA Current - Output 180mA Current - Quiescent (Iq) - Current - Supply (Max) 170 μ A ~ 3 μ A PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) Voltage Dropout (Max) Current - Output 180mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 16V 3.3V 3.3V - 40°C ~ 125°C	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output 180mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Protection Features Operating Temperature 3.3V 3.3V 3.3V 3.3V 5.3V 170mA 170mA 180mA 170μA ~ 3μA 170μA ~ 3μA PSRR - Control Features Over Current, Over Temperature, Reverse Polarity -40°C ~ 125°C	Number of Regulators	1
Voltage - Output (Max) -	Voltage - Input (Max)	16V
Voltage Dropout (Max) $0.4V @ 150mA$ Current - Output $180mA$ Current - Quiescent (Iq) - Current - Supply (Max) $170\mu A \sim 3\mu A$ PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$	Voltage - Output (Min/Fixed)	3.3V
Current - Output 180mA Current - Quiescent (Iq) - Current - Supply (Max) 170 μ A ~ 3 μ A PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C	Voltage - Output (Max)	-
Current - Quiescent (Iq) -	Voltage Dropout (Max)	0.4V @ 150mA
Current - Supply (Max) $170\mu A \sim 3\mu A$ $PSRR \qquad -$ $Control \ Features \qquad Enable$ $Protection \ Features \qquad Over \ Current, \ Over \ Temperature, \ Reverse \ Polarity$ $Operating \ Temperature \qquad -40^{\circ}C \sim 125^{\circ}C$	Current - Output	180mA
PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C	Current - Supply (Max)	$170\mu A \sim 3\mu A$
Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	PSRR	-
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Control Features	Enable
	Protection Features	Over Current, Over Temperature, Reverse Polarity
Mounting Type Through Hole	Operating Temperature	-40°C ~ 125°C
mounting type	Mounting Type	Through Hole
Package / Case TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)	Package / Case	TO-226-3, TO-92-3 (TO-226AA) (Formed Leads)
Supplier Device Package TO-92-3	Supplier Device Package	TO-92-3
Report errors		Report errors?

MIC5207-3.3YZ 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 Guarantees

We guarantee 100% customer satisfaction.

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

MIC5207-3.3YZ TR Payment Methods



















MIC5207-3.3YZ TR Shipping Methods













If you have any question about MIC5207-3.3YZ TR, please do not hesitate to contact us!

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