



MIC5319-2.9YML-TR Information



For Reference Only

Part Number MIC5319-2.9YML-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.9V 500MA 6MLF

Package 6-VQFN Exposed Pad, 6-MLF?
For the pricing/inventory/lead time, please contact

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



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MIC5319-2.9YML-TR Specifications

Manufacturer Part Number MIC5319-2.9YML-TR Manufacturer Microchip Technology Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 6-VQFN Exposed Pad, 6-MLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.9V Voltage - Output (Max) - Voltage Dropout (Max) 0.4V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 150μA PSRR 70dB ~ 60dB (1kHz ~ 10kHz)		
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max) $5.5V$ Voltage - Output (Min/Fixed) $2.9V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.4V @ 500mA$ Current - Output $500mA$ Current - Quiescent (Iq)-Current - Supply (Max) $150\mu A$ PSRR $70dB \sim 60dB (1kHz \sim 10kHz)$		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR Positive P	Package	6-VQFN Exposed Pad, 6-MLF?
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.9V Voltage - Output (Max) - Voltage Dropout (Max) 0.4V @ 500mA Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 150µA PSRR 70dB ~ 60dB (1kHz ~ 10kHz)	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.9VVoltage - Output (Max)-Voltage Dropout (Max)0.4V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)150μAPSRR70dB ~ 60dB (1kHz ~ 10kHz)	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 70dB ~ 60dB (1kHz ~ 10kHz)	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output 500mA Current - Quiescent (Iq) Current - Supply (Max) PSRR 2.9V 0.4V @ 500mA	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 500mA Current - Quiescent (Iq) Current - Supply (Max) PSRR 70dB ~ 60dB (1kHz ~ 10kHz)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 70dB ~ 60dB (1kHz ~ 10kHz)	Voltage - Output (Min/Fixed)	2.9V
Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 150µA PSRR 70dB ~ 60dB (1kHz ~ 10kHz)	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) 150µA PSRR 70dB ~ 60dB (1kHz ~ 10kHz)	Voltage Dropout (Max)	0.4V @ 500mA
Current - Supply (Max) $150\mu A$ PSRR $70dB \sim 60dB (1kHz \sim 10kHz)$	Current - Output	500mA
PSRR $70dB \sim 60dB (1kHz \sim 10kHz)$	Current - Quiescent (Iq)	-
· · · · · · · · · · · · · · · · · · ·	Current - Supply (Max)	150μΑ
	PSRR	70dB ~ 60dB (1kHz ~ 10kHz)
Control Features Enable	Control Features	Enable
Protection Features Over Current, Over Temperature	Protection Features	Over Current, Over Temperature
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 6-VQFN Exposed Pad, 6-MLF?	Package / Case	6-VQFN Exposed Pad, 6-MLF?
Supplier Device Package 6-MLF? (2x2)	Supplier Device Package	6-MLF? (2x2)
Report errors?		Report errors?

MIC5319-2.9YML-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.

MIC5319-2.9YML-TR Payment Methods



















MIC5319-2.9YML-TR Shipping Methods













If you have any question about MIC5319-2.9YML-TR, please do not hesitate to contact us!

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