



MIC5504-2.5YMT-TR Information



For Reference Only

Part Number MIC5504-2.5YMT-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.5V 300MA 4DFN

Package 4-UDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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MIC5504-2.5YMT-TR Specifications

Manufacturer Part NumberMIC5504-2.5YMT-TRManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)Package4-UDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.38V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)55μA ~ 65μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-UDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5 V Voltage - Output (Min/Fixed) 2.5 V Voltage - Output (Max) - Voltage Dropout (Max) 0.38V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 55μA ~ 65μA PSRR 60dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C	Manufacturer Part Number	MIC5504-2.5YMT-TR
Package4-UDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max) $5.5V$ Voltage - Output (Min/Fixed) $2.5V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.38V @ 300mA$ Current - Output $300mA$ Current - Quiescent (Iq)-Current - Supply (Max) $55μA \sim 65μA$ PSRR $60dB (1kHz)$ Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40°C \sim 125°C$	Manufacturer	Microchip Technology
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max) $5.5V$ Voltage - Output (Min/Fixed) $2.5V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.38V @ 300mA$ Current - Output $300mA$ Current - Quiescent (Iq)-Current - Supply (Max) $55\mu A \sim 65\mu A$ PSRR $60dB (1kHz)$ Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$		PMIC - Voltage Regulators - Linear
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Output Type Fixed Fixed Fixed Number of Regulators 1 Voltage - Input (Max) 5.5 V Voltage - Output (Min/Fixed) 2.5 V Voltage - Output (Max) - Voltage Dropout (Max) 0.38 V @ 300 m A Current - Output 300 m A Current - Quiescent (Iq) - Current - Supply (Max) 55 μ A \sim 65 μ A \sim 65 μ A \sim 60 dB (1kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature -40 ° C \sim 125 ° C	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.38V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)55μA ~ 65μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C	Output Configuration	Positive
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.38V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)55μA ~ 65μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C	Output Type	Fixed
Voltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.38V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)55μA ~ 65μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°C	Number of Regulators	1
Voltage - Output (Max) - 0.38V @ 300mA Current - Output	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) 0.38V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 55 μ A ~ 65 μ A PSRR 60dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C	Voltage - Output (Min/Fixed)	2.5V
Current - Output $300 mA$ Current - Quiescent (Iq)-Current - Supply (Max) $55 \mu A \sim 65 \mu A$ PSRR $60 dB (1kHz)$ Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Voltage - Output (Max)	-
Current - Quiescent (Iq) - Current - Supply (Max) $55\mu A \sim 65\mu A$ PSRR $60dB (1kHz)$ Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Voltage Dropout (Max)	0.38V @ 300mA
Current - Supply (Max) $55\mu A \sim 65\mu A$ PSRR $60dB (1kHz)$ Control Features Enable Protection Features Over Current, Over Temperature $-40^{\circ}C \sim 125^{\circ}C$	Current - Output	300mA
PSRR 60dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Quiescent (Iq)	-
Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Supply (Max)	55μΑ ~ 65μΑ
Protection Features Over Current, Over Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	PSRR	60dB (1kHz)
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Control Features	Enable
	Protection Features	Over Current, Over Temperature
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Package / Case 4-UDFN Exposed Pad	Package / Case	4-UDFN Exposed Pad
Supplier Device Package 4-DFN (1x1)	Supplier Device Package	4-DFN (1x1)
Report errors?		Report errors?

MIC5504-2.5YMT-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.

MIC5504-2.5YMT-TR Payment Methods



















MIC5504-2.5YMT-TR Shipping Methods













If you have any question about MIC5504-2.5YMT-TR, please do not hesitate to contact us!

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