

MIC5356-MGYML-T5

MIC5356-MGYML-T5 Information



For Reference Only

Part Number MIC5356-MGYML-T5
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LIN 1.8V/2.8V 8MLF**Package**8-VFDFN Exposed Pad, 8-MLF?

For the pricing/inventory/lead time, please contact

us

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



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MIC5356-MGYML-T5 Specifications

Manufacturer Part Number MiC5356-MGYML-T5 Manufacturer Microchip Technology Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-VFDFN Exposed Pad, 8-MLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V, 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.8V @ 500mA, 0.8V @ 500mA Current - Output 500mA, 500mA Current - Supply (Max) 0.53µA ~ 200µA PSRR 60dB (IkHz) Control Features 60dB (IkHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	•	
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PMIC - Voltage Regulators - LinearPackage8-VFDFN Exposed Pad, 8-MLF?Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8V, 2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.8V @ 500mA, 0.8V @ 500mACurrent - Output500mA, 500mACurrent - Quiescent (Iq)-Current - Supply (Max)0.53μA ~ 200μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Manufacturer	Microchip Technology
Package 8-VFDFN Exposed Pad, 8-MLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V, 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.8V @ 500mA, 0.8V @ 500mA Current - Output 500mA, 500mA Current - Quiescent (Iq) - Current - Supply (Max) 0.53μA ~ 200μA PSRR 60dB (1kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max) $5.5V$ Voltage - Output (Min/Fixed) $1.8V, 2.8V$ Voltage - Output (Max)-Voltage Dropout (Max) $0.8V @ 500mA, 0.8V @ 500mA$ Current - Output $500mA, 500mA$ Current - Quiescent (Iq)-Current - Supply (Max) $0.53\mu A \sim 200\mu A$ PSRR $60dB (1kHz)$ Control Features $60dB (1kHz)$ Protection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case $8-VFDFN$ Exposed Pad, $8-MLF$?Supplier Device Package $8-MLF$? (3x3)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8V, 2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.8V @ 500mA, 0.8V @ 500mACurrent - Output500mA, 500mACurrent - Quiescent (Iq)-Current - Supply (Max)0.53μA ~ 200μAPSRR60dB (1kHz)Control Features60dB (1kHz)Control FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Package	8-VFDFN Exposed Pad, 8-MLF?
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Number of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8V, 2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.8V @ 500mA, 0.8V @ 500mACurrent - Output500mA, 500mACurrent - Quiescent (Iq)-Current - Supply (Max)0.53μA ~ 200μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Output Configuration	Positive
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8V, 2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.8V @ 500mA, 0.8V @ 500mACurrent - Output500mA, 500mACurrent - Quiescent (Iq)-Current - Supply (Max)0.53μA ~ 200μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Output Type	Fixed
Voltage - Output (Min/Fixed)1.8V, 2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.8V @ 500mA, 0.8V @ 500mACurrent - Output500mA, 500mACurrent - Quiescent (Iq)-Current - Supply (Max)0.53μA ~ 200μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Number of Regulators	2
Voltage - Output (Max)-Voltage Dropout (Max)0.8V @ 500mA, 0.8V @ 500mACurrent - Output500mA, 500mACurrent - Quiescent (Iq)-Current - Supply (Max)0.53μA ~ 200μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 500mA, 500mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB (1kHz) Control Features Enable Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package 8-MLF? (3x3)	Voltage - Output (Min/Fixed)	1.8V, 2.8V
Current - Output500mA, 500mACurrent - Quiescent (Iq)-Current - Supply (Max)0.53μA ~ 200μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad, 8-MLF? Supplier Device Package	Voltage Dropout (Max)	0.8V @ 500mA, 0.8V @ 500mA
Current - Supply (Max)0.53μA ~ 200μAPSRR60dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VFDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Current - Output	500mA, 500mA
PSRR 60dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Current - Supply (Max)	$0.53\mu A \sim 200\mu A$
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	PSRR	60dB (1kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Control Features	Enable
Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Protection Features	Over Current, Over Temperature
Package / Case 8-VFDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-MLF? (3x3)	Mounting Type	Surface Mount
	Package / Case	8-VFDFN Exposed Pad, 8-MLF?
Report errors?	Supplier Device Package	8-MLF? (3x3)
		Report errors?

MIC5356-MGYML-T5 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.

MIC5356-MGYML-T5 Payment Methods



















MIC5356-MGYML-T5 Shipping Methods













If you have any question about MIC5356-MGYML-T5, please do not hesitate to contact us!

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