

MIC5332-SSYMT-TR

MIC5332-SSYMT-TR Information



For Reference Only

Part Number MIC5332-SSYMT-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LIN 3.3V/3.3V 8TMLF**Package**8-UFDFN Exposed Pad, 8-TMLF?

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









MIC5332-SSYMT-TR Specifications

Manufacturer Part Number MiC5332-SSYMT-TR Manufacturer Microchip Technology Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-UFDFN Exposed Pad, 8-TMLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.24V @ 300mA, 0.24V @ 300mA Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) 50μA ~ 75μA PSRR 65dB ~ 45dB (1kHz ~ 20kHz) Control Features Power On Rest Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8 - UFDFN Exposed Pad, 8-TMLF? Supplier Device Package 8-TMLF? (2x2)		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-UFDFN Exposed Pad, 8-TMLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.24V @ 300mA, 0.24V @ 300mA Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) 50μA ~ 75μA PSRR 65dB ~ 45dB (1kHz ~ 20kHz) Control Features Enable, Power On Reset Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-UFDFN Exposed Pad, 8-TMLF? Supplier Device Package 8-TMLF? (2x2)	Manufacturer Part Number	MIC5332-SSYMT-TR
Package 8-UFDFN Exposed Pad, 8-TMLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) - Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) - Supla - 45dB (1kHz ~ 20kHz) Control Features Protection Features Operating Temperature - 40°C ~ 125°C Mounting Type Supplier Device Package 8-TMLF? (2x2)	Manufacturer	Microchip Technology
Package 8-UFDFN Exposed Pad, 8-TMLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.24V @ 300mA, 0.24V @ 300mA Current - Output 300mA, 300mA Current - Supply (Max) 50μA ~ 75μA PSRR 65dB ~ 45dB (1kHz ~ 20kHz) Control Features Enable, Power On Reset Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-UFDFN Exposed Pad, 8-TMLF? Supplier Device Package 8-TMLF? (2x2)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.24V @ 300mA, 0.24V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 75μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-UFDFN Exposed Pad, 8-TMLF?Supplier Device Package8-TMLF? (2x2)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.24V @ 300mA, 0.24V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 75μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-UFDFN Exposed Pad, 8-TMLF?Supplier Device Package8-TMLF? (2x2)	Package	8-UFDFN Exposed Pad, 8-TMLF?
Output TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.24V @ 300mA, 0.24V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 75μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-UFDFN Exposed Pad, 8-TMLF?Supplier Device Package8-TMLF? (2x2)	Series	-
Number of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.24V @ 300mA, 0.24V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 75μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-UFDFN Exposed Pad, 8-TMLF?Supplier Device Package8-TMLF? (2x2)	Output Configuration	Positive
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.24V @ 300mA, 0.24V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 75μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-UFDFN Exposed Pad, 8-TMLF?Supplier Device Package8-TMLF? (2x2)	Output Type	Fixed
Voltage - Output (Min/Fixed)3.3V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.24V @ 300mA, 0.24V @ 300mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 75μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-UFDFN Exposed Pad, 8-TMLF?Supplier Device Package8-TMLF? (2x2)	Number of Regulators	2
Voltage - Output (Max) Voltage Dropout (Max) 0.24V @ 300mA, 0.24V @ 300mA Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 50μA ~ 75μA Some On Reset Control Features Enable, Power On Reset Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-UFDFN Exposed Pad, 8-TMLF? Supplier Device Package	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) 0.24V @ 300mA, 0.24V @ 300mA Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 50μA ~ 75μA PSRR 65dB ~ 45dB (1kHz ~ 20kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-UFDFN Exposed Pad, 8-TMLF? Supplier Device Package	Voltage - Output (Min/Fixed)	3.3V, 3.3V
Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) 50 μ A ~ 75 μ A PSRR 65dB ~ 45dB (1kHz ~ 20kHz) Control Features Enable, Power On Reset Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-UFDFN Exposed Pad, 8-TMLF? Supplier Device Package 8-TMLF? (2x2)	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max) 50μ A ~ 75μ APSRR $65dB \sim 45dB (1kHz \sim 20kHz)$ Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature -40° C ~ 125° CMounting TypeSurface MountPackage / Case8-UFDFN Exposed Pad, 8-TMLF?Supplier Device Package8-TMLF? (2x2)	Voltage Dropout (Max)	0.24V @ 300mA, 0.24V @ 300mA
Current - Supply (Max) $50\mu A \sim 75\mu A$ PSRR $65dB \sim 45dB$ (1kHz $\sim 20kHz$)Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting TypeSurface MountPackage / Case8-UFDFN Exposed Pad, 8-TMLF?Supplier Device Package8-TMLF? (2x2)	Current - Output	300mA, 300mA
PSRR 65dB ~ 45dB (1kHz ~ 20kHz) Control Features Enable, Power On Reset Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-UFDFN Exposed Pad, 8-TMLF? Supplier Device Package 8-TMLF? (2x2)	Current - Quiescent (Iq)	-
Control Features Enable, Power On Reset Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-UFDFN Exposed Pad, 8-TMLF? Supplier Device Package 8-TMLF? (2x2)	Current - Supply (Max)	$50\mu\text{A} \sim 75\mu\text{A}$
Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-UFDFN Exposed Pad, 8-TMLF? Supplier Device Package 8-TMLF? (2x2)	PSRR	65dB ~ 45dB (1kHz ~ 20kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-UFDFN Exposed Pad, 8-TMLF? Supplier Device Package 8-TMLF? (2x2)	Control Features	Enable, Power On Reset
Mounting Type Surface Mount Package / Case 8-UFDFN Exposed Pad, 8-TMLF? Supplier Device Package 8-TMLF? (2x2)	Protection Features	Over Current, Over Temperature
Package / Case 8-UFDFN Exposed Pad, 8-TMLF? Supplier Device Package 8-TMLF? (2x2)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-TMLF? (2x2)	Mounting Type	Surface Mount
11 , , ,	Package / Case	8-UFDFN Exposed Pad, 8-TMLF?
Report errors?	Supplier Device Package	8-TMLF? (2x2)
		Report errors?

MIC5332-SSYMT-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.

MIC5332-SSYMT-TR Payment Methods



















MIC5332-SSYMT-TR Shipping Methods













If you have any question about MIC5332-SSYMT-TR, please do not hesitate to contact us!

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