

MAX8559ETAAJ+T

MAX8559ETAAJ+T Information

	 MAX8559ETAAJ+T Maxim Integrated Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LINEAR 3.3V/2.85V 8TDFN 8-WDFN Exposed Pad For the pricing/inventory/lead time, please contact us	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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MAX8559ETAAJ+T Specifications

ManufacturerMaxim IntegratedCategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackage8-WDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3V,2.85VVoltage Output (Max)0.12V @ 100mA, 0.12V @ 100mACurrent - Output300mA, 300mACurrent - Output (Max)90µACurrent - Supply (Max)GablePSRR7dB ~ 54dB (10kHz ~ 100kHz)Protection FeaturesGover Current, Over Temperature, Short CircuitOperating Temperature4.0°C ~ 85°CMounting Type8.WDFN Exposed Pad			
CategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackage8-WDFN Exposed PadSeries-Output ConfigurationPositiveOutput ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3V, 2.85VVoltage - Output (Max)-Voltage Dropout (Max)0.12V @ 100mA, 0.12V @ 100mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)290µAPSRR70dB ~ 54dB (10kHz ~ 100kHz)Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Manufacturer Part Number	MAX8559ETAAJ+T	
PMIC - Voltage Regulators - LinearPackage8-WDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3V, 2.85VVoltage - Output (Max)-Voltage Dropout (Max)0.12V @ 100mA, 0.12V @ 100mACurrent - Output300mA, 300mACurrent - Output (Max)-Current - Quiescent (Iq)-Current - Supply (Max)290µAPSRR70dB ~ 54dB (10kHz ~ 100kHz)Protection FeaturesFinableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating TemperatureSuface MountPackage / CaseSwDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Manufacturer	Maxim Integrated	
Package8-WDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3V, 2.85VVoltage - Output (Max)-Voltage Dropout (Max)0.12V @ 100mA, 0.12V @ 100mACurrent - Output300mA, 300mACurrent - Output290µAPSRR70dB ~ 54dB (10kHz ~ 100kHz)Control FeaturesOver Current, Over Temperature, Short CircuitProtection FeaturesOver Current, Over Temperature, Short CircuitPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Category	Integrated Circuits (ICs)	
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3V, 2.85VVoltage - Output (Max)-Voltage Dropout (Max)0.12V @ 100mA, 0.12V @ 100mAVoltage Dropout (Max)0.12V @ 100mA, 0.12V @ 100mACurrent - Output300mA, 300mACurrent - Output290μAPSRR70dB ~ 54dB (10kHz ~ 100kHz)Control FeaturesOver Current, Over Temperature, Short CircuitProtection Features40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3V, 2.85VVoltage - Output (Max)-Voltage - Output (Max)0.12V @ 100mA, 0.12V @ 100mAVoltage Dropout (Max)0.12V @ 100mA, 0.12V @ 100mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)290µAPSRR70dB ~ 54dB (10kHz ~ 100kHz)Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Package	8-WDFN Exposed Pad	
PixedOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3V, 2.85VVoltage - Output (Max)-Voltage Dropout (Max)0.12V @ 100mA, 0.12V @ 100mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)290µAPSRR70dB ~ 54dB (10kHz ~ 100kHz)Control FeaturesDover Current, Over Temperature, Short CircuitOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Series	-	
Number of Regulators2Number of Regulators6.5VVoltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3V, 2.85VVoltage - Output (Max)-Voltage Dropout (Max)0.12V @ 100mA, 0.12V @ 100mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)290µAPSRR70dB ~ 54dB (10kHz ~ 100kHz)Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Output Configuration	Positive	
Voltage - Input (Max) 6.5V Voltage - Output (Min/Fixed) 3.3V, 2.85V Voltage - Output (Max) - Voltage Dropout (Max) 0.12V @ 100mA, 0.12V @ 100mA Current - Output 300mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) 290μA PSRR 70dB ~ 54dB (10kHz ~ 100kHz) Control Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-WDFN Exposed Pad Supplier Device Package 8-TDFN-EP (3x3)	Output Type	Fixed	
Voltage - Output (Min/Fixed)3.3V, 2.85VVoltage - Output (Max)-Voltage Dropout (Max)0.12V @ 100mA, 0.12V @ 100mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)290µAPSRR70dB ~ 54dB (10kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Number of Regulators	2	
Voltage - Output (Max)-Voltage Dropout (Max)0.12V @ 100mA, 0.12V @ 100mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)290μAPSRR70dB ~ 54dB (10kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Voltage - Input (Max)	6.5V	
Voltage Dropout (Max)0.12V @ 100mA, 0.12V @ 100mACurrent - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)290μAPSRR70dB ~ 54dB (10kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Voltage - Output (Min/Fixed)	3.3V, 2.85V	
Current - Output300mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)290μAPSRR70dB ~ 54dB (10kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Voltage - Output (Max)	-	
Current - Quiescent (Iq)-Current - Supply (Max)290μAPSRR70dB ~ 54dB (10kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Voltage Dropout (Max)	0.12V @ 100mA, 0.12V @ 100mA	
Current - Supply (Max)290μAPSRR70dB ~ 54dB (10kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Current - Output	300mA, 300mA	
PSRR70dB ~ 54dB (10kHz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Current - Quiescent (Iq)	-	
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Current - Supply (Max)	290µА	
Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	PSRR	70dB ~ 54dB (10kHz ~ 100kHz)	
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Control Features	Enable	
Mounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Protection Features	Over Current, Over Temperature, Short Circuit	
Package / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Operating Temperature	-40°C ~ 85°C	
Supplier Device Package8-TDFN-EP (3x3)	Mounting Type	Surface Mount	
	Package / Case	8-WDFN Exposed Pad	
Report errors?	Supplier Device Package	8-TDFN-EP (3x3)	
			Report errors?

MAX8559ETAAJ+T 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.

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Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

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MAX8559ETAAJ+T Shipping Methods



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