

MAX6472TA18BD3+T

MAX6472TA18BD3+T Information

www.hopens.com	Part Number	MAX6472TA18BD3+T	
	Manufacturer	Maxim Integrated	
	Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
	Description	IC REG LIN POS ADJ 300MA 8TDFN	
	Package	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	



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MAX6472TA18BD3+T Specifications

Manufacturer Maxim Integrated Manufacturer Maxim Integrated Category Integrated Circuits (ICs) Package 8-WDFN Exposed Pad Package 8-WDFN Exposed Pad Series - Output Configuration Positive Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Max) 5.5V Voltage Dropout (Max) - Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 136µA PSRR - Control Features Manual Reset, Reset Operating Temperature Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature Surface Mount Package / Case 8-WDFN Exposed Pad Supplier Device Package 8-WDFN-Ep (3x3)				
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package &-WDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.25V (1.8V) Voltage - Output (Max) 5.5V Voltage Dropout (Max) - Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 136µA PSRR - Control Features Manual Reset, Reset Protection Features Over Current, Over Temperature, Reverse Polarity, 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)	Manufacturer Part Number	MAX6472TA18BD3+T		
PMC - Voltage Regulators - LinearPackage8-WDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustable (Fixed)Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.25V (1.8V)Voltage - Output (Max)5.5VVoltage Dropout (Max)5.5VCurrent - Output300mACurrent - Quiescent (Iq)-Current Supply (Max)136µAPSRR-Control FeaturesManual Reset, ResetProtection Features40°C ~ 85°CMounting Type8-WDFN Exposed PadPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Manufacturer	Maxim Integrated		
Package8-WDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustable (Fixed)Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.25V (1.8V)Voltage - Output (Max)5.5VVoltage Dropout (Max)5.5VVoltage Dropout (Max)-Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)136µAPSRR-Control FeaturesManual Reset, ResetProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature4u°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Category	Integrated Circuits (ICs)		
Series-Output ConfigurationPositiveOutput TypeAdjustable (Fixed)Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.25V (1.8V)Voltage - Output (Max)5.5VVoltage - Output (Max)5.5VVoltage Dropout (Max)-Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)136μAPSRR-Control FeaturesManual Reset, ResetProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature4.0°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)		PMIC - Voltage Regulators - Linear		
Output ConfigurationPositiveOutput TypeAdjustable (Fixed)Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.25V (1.8V)Voltage - Output (Max)5.5VVoltage - Output (Max)-Voltage - Output (Max).Voltage - Output (Max).Voltage Dropout (Max).Current - Output300mACurrent - Quiescent (Iq).Current - Supply (Max)136µAPSRR.Control FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature44°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Package	8-WDFN Exposed Pad		
Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.25V (1.8V) Voltage - Output (Max) 5.5V Voltage - Output (Max) 5.5V Voltage Dropout (Max) - Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 136µA PSRR - Control Features Manual Reset, Reset Operating Temperature - Operating Temperature - Package / Case Surface Mount Package / Case 8-WDFN Exposed Pad Supplier Device Package 8-TDFN-EP (3x3)	Series	-		
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.25V (1.8V)Voltage - Output (Max)5.5VVoltage Dropout (Max)-Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)136µAPSRR-Control FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Output Configuration	Positive		
Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.25V (1.8V) Voltage - Output (Max) 5.5V Voltage Dropout (Max) - Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 136µA PSRR - Control Features Manual Reset, Reset Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature Surface Mount Package / Case 8-WDFN Exposed Pad Supplier Device Package 8-TDFN-EP (3x3)	Output Type	Adjustable (Fixed)		
Voltage - Output (Min/Fixed)1.25V (1.8V)Voltage - Output (Max)5.5VVoltage Dropout (Max)-Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)136μAPSRR-Control FeaturesManual Reset, ResetProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Number of Regulators	1		
Voltage - Output (Max)5.5VVoltage Dropout (Max)-Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)136μAPSRR-Control FeaturesManual Reset, ResetProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Voltage - Input (Max)	5.5V		
Voltage Dropout (Max)-Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)136µAPSRR-Control FeaturesManual Reset, ResetProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Voltage - Output (Min/Fixed)	1.25V (1.8V)		
Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)136μAPSRR-Control FeaturesManual Reset, ResetProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Voltage - Output (Max)	5.5V		
Current - Quiescent (Iq)-Current - Supply (Max)136µAPSRR-Control FeaturesManual Reset, ResetProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Voltage Dropout (Max)	-		
Current - Supply (Max)136μAPSRR-Control FeaturesManual Reset, ResetProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Current - Output	300mA		
PSRR-Control FeaturesManual Reset, ResetProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Current - Quiescent (Iq)	-		
Control FeaturesManual Reset, ResetProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Current - Supply (Max)	136µА		
Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	PSRR	-		
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Control Features	Manual Reset, Reset		
Mounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Protection Features	Over Current, Over Temperature, Reverse Polarity, 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?	

MAX6472TA18BD3+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.



Service Guarantees

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

MAX6472TA18BD3+T Payment Methods





If you have any question about MAX6472TA18BD3+T, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com