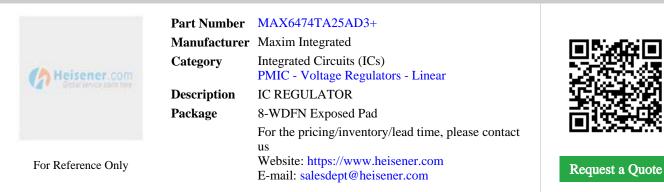


## MAX6474TA25AD3+

#### MAX6474TA25AD3+ Information



#### **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.



### MAX6474TA25AD3+ Specifications

ManufacturerMaxim IntegratedCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage8-WDFN Exposed PadSeries-Output ConfigurationPositiveOutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Max)-Voltage - Output (Max)0.25V @ 300mACurrent - Output300mACurrent - Output36µACurrent - Supply (Max)96µAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating TemperatureSurGe MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)			
Category Integrated Circuits (ICs)   PMIC - Voltage Regulators - Linear   Package 8-WDFN Exposed Pad   Series -   Output Configuration Positive   Output Type Fixed   Number of Regulators 1   Voltage - Input (Max) 5.5V   Voltage - Output (Min/Fixed) 2.5V   Voltage - Output (Max) -   Voltage Dropout (Max) 0.25V @ 300mA   Current - Output 300mA   Current - Quiescent (Iq) 136µA   Current - Supply (Max) 96µA   PSRR -   Control 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	MAX6474TA25AD3+	
PMIC - Voltage Regulators - LinearPackage8-WDFN Exposed PadSeries-Output ConfigurationPositiveOutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage - Output (Max)0.25V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)136µACurrent - Supply (Max)96µAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountSupplier Device Package8-TDFN-EP (3x3)	Manufacturer	Maxim Integrated	
Package8-WDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage - Output (Max)0.25V @ 300mACurrent - Output300mACurrent - Output (Max)96µACurrent - Supply (Max)96µAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection Features-Operating Temperature-40°C ~ 85°CMounting Type8-WDFN Exposed PadSupplier Device Package8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Category	Integrated Circuits (ICs)	
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage - Output (Max)0.25V @ 300mACurrent - Output300mACurrent - Output300mACurrent - Supply (Max)96µAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage - Output (Max)0.25V @ 300mACurrent - Output300mACurrent - Output300mACurrent - Quiescent (Iq)136µACurrent - Supply (Max)96µAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection Features0.ver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case8-TDFN-EP (3x3)	Package	8-WDFN Exposed Pad	
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)136µAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating TemperatureSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Series	-	
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)136µACurrent - Supply (Max)96µAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection Features0ver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case8-WDFN Exposed PadSupplier Device Package8-TDFN-EP (3x3)	Output Configuration	Positive	
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)136µACurrent - Supply (Max)96µAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection 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 Type	Fixed	
Voltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)136μACurrent - Supply (Max)96μAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection 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)-Voltage Dropout (Max)0.25V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)136μACurrent - Supply (Max)96μAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection 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)0.25V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)136μACurrent - Supply (Max)96μAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection 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)	2.5V	
Current - Output300mACurrent - Quiescent (Iq)136μACurrent - Supply (Max)96μAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection 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)	-	
Current - Quiescent (Iq)136μACurrent - Supply (Max)96μAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection 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)	0.25V @ 300mA	
Current - Supply (Max)96μAPSRR-Control FeaturesManual Reset, Reset, ShutdownProtection 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, Reset, ShutdownProtection 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)	136µА	
Control FeaturesManual Reset, Reset, ShutdownProtection 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)	96μΑ	
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, Shutdown	
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	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$	
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?

#### MAX6474TA25AD3+ 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 BUARANTEE

#### **Service Guarantees**

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

#### MAX6474TA25AD3+ Payment Methods





If you have any question about MAX6474TA25AD3+, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com