

PAM3108AJEADJR

PAM3108AJEADJR Information

Heisener.com

Part Number PAM3108AJEADJR

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN POS ADJ 1.5A 10WDFN

Package 10-WFDFN 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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PAM3108AJEADJR Specifications

Manufacturer Part Number PAM3108AJEADJR Manufacturer Diodes Incorporated Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 10-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 0.8V Voltage - Output (Max) 3V Voltage Dropout (Max) 0.15V @ 1.5A (Typ) Current - Output 1.5A Current - Quiescent (Iq) 1.2mA Current - Supply (Max) - PSRR 65dB ~ 60dB (100Hz ~ 1kHz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad Vurplier Davice Package 10-WFDFN Exposed Pad		
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Package 10-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 0.8V Voltage - Output (Max) 3V Voltage Dropout (Max) 0.15V @ 1.5A (Typ) Current - Output 1.5A Current - Quiescent (Iq) 1.2mA Current - Supply (Max) - PSRR 65dB ~ 60dB (100Hz ~ 1kHz) Control Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)3VVoltage Dropout (Max)0.15V @ 1.5A (Typ)Current - Output1.5ACurrent - Quiescent (Iq)1.2mACurrent - Supply (Max)-PSRR65dB ~ 60dB (100Hz ~ 1kHz)Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed Pad		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)3VVoltage Dropout (Max)0.15V @ 1.5A (Typ)Current - Output1.5ACurrent - Quiescent (Iq)1.2mACurrent - Supply (Max)-PSRR65dB ~ 60dB (100Hz ~ 1kHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed Pad	Package	10-WFDFN Exposed Pad
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)3VVoltage Dropout (Max)0.15V @ 1.5A (Typ)Current - Output1.5ACurrent - Quiescent (Iq)1.2mACurrent - Supply (Max)-PSRR65dB ~ 60dB (100Hz ~ 1kHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed Pad	Series	-
Number of Regulators Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 0.8V Voltage - Output (Max) Voltage Dropout (Max) 0.15V @ 1.5A (Typ) Current - Output 1.5A Current - Quiescent (Iq) 1.2mA Current - Supply (Max) - PSRR 65dB ~ 60dB (100Hz ~ 1kHz) Control Features Footection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 0.8V Voltage - Output (Max) 3V Voltage Dropout (Max) 0.15V @ 1.5A (Typ) Current - Output 1.5A Current - Quiescent (Iq) 1.2mA Current - Supply (Max) - PSRR 65dB ~ 60dB (100Hz ~ 1kHz) Control Features 65dB ~ 60dB (100Hz ~ 1kHz) Control Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad	Output Type	Adjustable
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) O.15V @ 1.5A (Typ) Current - Output 1.5A Current - Quiescent (Iq) 1.2mA Current - Supply (Max) PSRR 65dB ~ 60dB (100Hz ~ 1kHz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 0.15V @ 1.5A (Typ) Current - Output 1.5A Current - Quiescent (Iq) 1.2mA Current - Supply (Max) - PSRR 65dB ~ 60dB (100Hz ~ 1kHz) Control Features Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 1.5A Current - Quiescent (Iq) 1.2mA Current - Supply (Max) PSRR 65dB ~ 60dB (100Hz ~ 1kHz) Control Features Enable, Power Good Protection Features Operating Temperature Operating Type Surface Mount Package / Case 0.15V @ 1.5A (Typ) 1.5A Outrol F. A. C. Typ) 1.2mA 1.2mA Current - Supply (Max) - Ver Temperature - 40°C ~ 85°C Mounting Type Surface Mount 10-WFDFN Exposed Pad	Voltage - Output (Min/Fixed)	0.8V
Current - Output Current - Quiescent (Iq) 1.2mA Current - Supply (Max) PSRR 65dB ~ 60dB (100Hz ~ 1kHz) Control Features Enable, Power Good Protection Features Operating Temperature Operating Type Surface Mount Package / Case 10-WFDFN Exposed Pad	Voltage - Output (Max)	3V
Current - Quiescent (Iq) Current - Supply (Max) - PSRR 65dB ~ 60dB (100Hz ~ 1kHz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad	Voltage Dropout (Max)	0.15V @ 1.5A (Typ)
Current - Supply (Max) PSRR 65dB ~ 60dB (100Hz ~ 1kHz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad	Current - Output	1.5A
PSRR 65dB ~ 60dB (100Hz ~ 1kHz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad	Current - Quiescent (Iq)	1.2mA
Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Short Circuit -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad	Current - Supply (Max)	-
Protection Features Over Current, Over Temperature, Short Circuit -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad	PSRR	65dB ~ 60dB (100Hz ~ 1kHz)
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad	Control Features	Enable, Power Good
Mounting Type Surface Mount Package / Case 10-WFDFN Exposed Pad	Protection Features	Over Current, Over Temperature, Short Circuit
Package / Case 10-WFDFN Exposed Pad	Operating Temperature	-40°C ~ 85°C
·	Mounting Type	Surface Mount
Supplier Davice Package 10 WDEN (3v3)	Package / Case	10-WFDFN Exposed Pad
Supplied Device Lackage 10-WDFTV (3x3)	Supplier Device Package	10-WDFN (3x3)
Report errors?		Report errors?

PAM3108AJEADJR 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.

PAM3108AJEADJR Payment Methods



















PAM3108AJEADJR Shipping Methods













If you have any question about PAM3108AJEADJR, please do not hesitate to contact us!

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