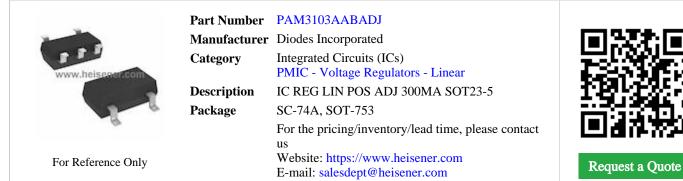


PAM3103AABADJ

PAM3103AABADJ 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.



PAM3103AABADJ Specifications

Manufacturer Part NumberPAM3103AABADJManufacturerDiodes IncorporatedCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageSC-74A, SOT-753Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage Dropott (Max)0.23V @ 300mACurrent - Output300mACurrent - Output (Max)9µAPSRROrdB - 42dB (100Hz ~ 10kHz)Portection FeaturesGover Current, Over Temperature, Short CircuitOutput Type40°C ~ 85°CMounting TypeSC-74A, SOT-753Supplier Device PackageSC-74A, SOT-753			
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageSC-74A, SOT-753Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)5.2VVoltage Dropout (Max)0.23V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)90µAPSRR67dB ~ 42dB (100Hz ~ 10kHz)Portection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Manufacturer Part Number	PAM3103AABADJ	
PMIC - Voltage Regulators - LinearPackageSC-74A, SOT-753Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)5.VVoltage - Output (Max)0.23V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)90µAPSRR67dB ~ 42dB (100Hz ~ 10kHz)Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature44°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5	Manufacturer	Diodes Incorporated	
PackageSC-74A, SOT-753Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)5VVoltage - Output (Max)0.23V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)90µAPSRR67dB ~ 42dB (100Hz ~ 10kHz)Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Category	Integrated Circuits (ICs)	
Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)5.VVoltage Dropout (Max)0.23V @ 300mACurrent - Output300mACurrent - Output90µACurrent - Supply (Max)90µAPostection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-0ver Current, Over Temperature, Short CircuitPortection FeaturesSurface MountPortection FeaturesSurface MountMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)5.7Voltage - Output (Max)0.23V @ 300mACurrent - Output300mACurrent - Output90µACurrent - Supply (Max)90µAPostection Features6.748 ~ 100Hz ~ 10kHz)Protection Features0.9ver Current, Over Temperature, Short CircuitOperating TemperatureSuface MountPostection FeaturesSurface MountMounting TypeSurface MountPackage / CaseSO'T-23-5	Package	SC-74A, SOT-753	
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)5.VVoltage Dropout (Max)0.23V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)90µAPSRR67dB ~ 42dB (100Hz ~ 10kHz)Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSC-74A, SOT-753Supplier Device PackageSOT-23-5	Series	-	
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)5VVoltage Dropout (Max)0.23V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)90µAPSRR67dB ~ 42dB (100Hz ~ 10kHz)Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5	Output Configuration	Positive	
Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 5V Voltage Dropout (Max) 0.23V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 90µA PSRR 67dB ~ 42dB (100Hz ~ 10kHz) Control Features Dover Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Output Type	Adjustable	
Voltage - Output (Min/Fixed)1.2VVoltage - Output (Max)5VVoltage Dropout (Max)0.23V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)90µAPSRR67dB ~ 42dB (100Hz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Number of Regulators	1	
Voltage - Output (Max)5VVoltage Dropout (Max)0.23V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)90μAPSRR67dB ~ 42dB (100Hz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSOT-23-5	Voltage - Input (Max)	5.5V	
Voltage Dropout (Max)0.23V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)90μAPSRR67dB ~ 42dB (100Hz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Output (Min/Fixed)	1.2V	
Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)90μAPSRR67dB ~ 42dB (100Hz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Output (Max)	5V	
Current - Quiescent (Iq)-Current - Supply (Max)90μAPSRR67dB ~ 42dB (100Hz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage Dropout (Max)	0.23V @ 300mA	
Current - Supply (Max) 90μA PSRR 67dB ~ 42dB (100Hz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Current - Output	300mA	
PSRR67dB ~ 42dB (100Hz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Current - Quiescent (Iq)	-	
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Current - Supply (Max)	90µA	
Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	PSRR	67dB ~ 42dB (100Hz ~ 10kHz)	
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Control Features	Enable	
Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Protection Features	Over Current, Over Temperature, Short Circuit	
Package / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Operating Temperature	-40° C ~ 85° C	
Supplier Device Package SOT-23-5	Mounting Type	Surface Mount	
	Package / Case	SC-74A, SOT-753	
	Supplier Device Package	SOT-23-5	
Report errors?			Report errors?

PAM3103AABADJ 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.

PAM3103AABADJ Payment Methods



PAM3103AABADJ Shipping Methods



If you have any question about PAM3103AABADJ, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com