

AP7331-25WG-7 Information



For Reference Only

Part Number AP7331-25WG-7

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.5V 300MA SOT25

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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AP7331-25WG-7 Specifications

Manufacturer Part Number AP7331-25WG-7 Manufacturer Diodes Incorporated Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.55V @ 300mA Current - Output 300mA Current - Supply (Max) 75µA ~ 85µA PSRR 65dB (100Hz) Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-25	-	
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Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.55V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)75µA ~ 85µAPSRR65dB (100Hz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25	Package	SC-74A, SOT-753
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Voltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.55V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)75μA ~ 85μAPSRR65dB (100Hz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25	Number of Regulators	1
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Voltage Dropout (Max)0.55V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)75μA ~ 85μAPSRR65dB (100Hz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25	Voltage - Output (Min/Fixed)	2.5V
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Current - Quiescent (Iq)-Current - Supply (Max) $75μA \sim 85μA$ PSRR $65dB (100Hz)$ Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40°C \sim 85°C$ Mounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25	Voltage Dropout (Max)	0.55V @ 300mA
Current - Supply (Max) 75μ A ~ 85μ APSRR $65dB$ (100Hz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85 °CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-25	Current - Output	300mA
PSRR 65dB (100Hz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-25	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-25	Current - Supply (Max)	75μΑ ~ 85μΑ
Protection Features Over Current, Over Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case SC-74A, SOT-753 $\text{Supplier Device Package}$ SOT-25	PSRR	65dB (100Hz)
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-25	Control Features	Enable
Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-25	Protection Features	Over Current, Over Temperature
Package / Case SC-74A, SOT-753 Supplier Device Package SOT-25	Operating Temperature	-40°C ~ 85°C
Supplier Device Package SOT-25	Mounting Type	Surface Mount
••	Package / Case	SC-74A, SOT-753
Report errors?	Supplier Device Package	SOT-25
		Report errors?

AP7331-25WG-7 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.

AP7331-25WG-7 Payment Methods



















AP7331-25WG-7 Shipping Methods













If you have any question about AP7331-25WG-7, please do not hesitate to contact us!

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