



AP2127N-3.0TRG1 Information



For Reference Only

Part Number AP2127N-3.0TRG1
Manufacturer Diodes Incorporated
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 3V 300MA SOT23

Package TO-236-3, SC-59, SOT-23-3

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

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.









AP2127N-3.0TRG1 Specifications

Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-236-3, SC-59, SOT-23-3 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.3V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 90µA PSRR - Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-236-3, SC-59, SOT-23-3 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.3V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 90μA PSRR - Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Manufacturer Part Number	AP2127N-3.0TRG1
PMIC - Voltage Regulators - Linear Package TO-236-3, SC-59, SOT-23-3 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.3V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 90μA PSRR - Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Manufacturer	Diodes Incorporated
Package TO-236-3, SC-59, SOT-23-3 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.3V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 90μA PSRR - Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.3V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 90μA PSRR - Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features - Protection Features Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case SOT-23	Package	TO-236-3, SC-59, SOT-23-3
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.3V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 90μA PSRR - Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Series	-
Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.3V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 90μA PSRR - Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features - Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Output Type	Fixed
Voltage - Output (Min/Fixed) 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.3V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 90μA PSRR - Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features - Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package - Output 300mA - Current - Quiescent (Iq) - Quiescent (Iq) - Current - Curren	Voltage - Input (Max)	6V
Voltage Dropout (Max) Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case SOT-23 Supplier Device Package	Voltage - Output (Min/Fixed)	3V
Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)90μAPSRR-Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR - Control Features - Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Voltage Dropout (Max)	0.3V @ 300mA
Current - Supply (Max) PSRR - Control Features - Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	Current - Output	300mA
PSRR Control Features Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Current - Supply (Max)	90μΑ
Protection Features Over Current, Over Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package	PSRR	-
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Control Features	-
Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Protection Features	Over Current, Over Temperature
Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SOT-23	Operating Temperature	-40°C ~ 85°C
Supplier Device Package SOT-23	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SOT-23
		Report errors?

AP2127N-3.0TRG1 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.

AP2127N-3.0TRG1 Payment Methods



















AP2127N-3.0TRG1 Shipping Methods













If you have any question about AP2127N-3.0TRG1, please do not hesitate to contact us!

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