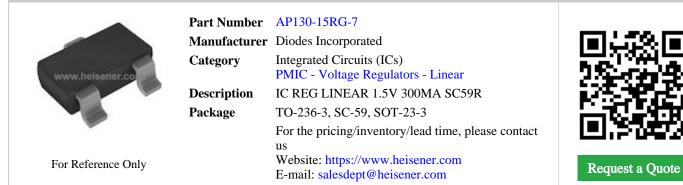


AP130-15RG-7

AP130-15RG-7 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.



AP130-15RG-7 Specifications

Manufacturer Diodes Incorporated Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-236-3, SC-59, SOT-23-3 Series - Output Configuration Positive Dutput Configuration Positive Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 100µA PSRR S8dB (100Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3		
CategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackageTO-236-3, SC-59, SOT-23-3Series-Output ConfigurationPositiveOutput ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 300mACurrent - Output300mACurrent - Output100µAPSRRSdB (100Hz)Control Features-Protection Features-Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Manufacturer Part Number	AP130-15RG-7
PMIC - Voltage Regulators - LinearPackageTO-236-3, SC-59, SOT-23-3Series-Output ConfigurationPositiveDutput ConfigurationPositiveNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 300mACurrent - Output300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)100µAPSRR58dB (100Hz)Control Features-Protection Features-Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-59RSupplier Device PackageSC-59R	Manufacturer	Diodes Incorporated
PackageTO-236-3, SC-59, SOT-23-3Series-Output ConfigurationPositiveDutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 300mACurrent - Output300mACurrent - Output (Max)100µACurrent - Supply (Max)100µAPSRR58dB (100Hz)Control Features-Protection Features-Protection Features-Pograting Temperature40°C ~ 85°CMounting TypeSurface MountPackage / CaseSC-59RSupplier Device PackageSC-59R	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Output (Max)0.5V @ 300mAVoltage Dropout (Max)0.5V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)100µAPSRR58dB (100Hz)Control Features-Protection Features-Operating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / CaseTo-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 300mAVoltage Dropout (Max)0.5V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)100µAPSRR58dB (100Hz)Control Features-Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Package	TO-236-3, SC-59, SOT-23-3
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 300mAVoltage Dropout (Max)300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)100µAPSRR58dB (100Hz)Control Features-Protection Features-40°C ~ 85°CMounting TypeSurface MountPackage / CaseCo-59RSupplier Device PackageSc-59R	Series	-
Number of Regulators1Number of Regulators5.5VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)100µAPSRR58dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Output Configuration	Positive
Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 100μA PSRR 58dB (100Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-236-3, SC-59, SOT-23-3 Supplier Device Package SC-59R	Output Type	Fixed
Voltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)100µAPSRR58dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.5V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)100μAPSRR58dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)0.5V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)100μAPSRR58dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Voltage - Output (Min/Fixed)	1.5V
Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)100μAPSRR58dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)100μAPSRR58dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Voltage Dropout (Max)	0.5V @ 300mA
Current - Supply (Max)100μAPSRR58dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Current - Output	300mA
PSRR58dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Current - Quiescent (Iq)	-
Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Current - Supply (Max)	100μΑ
Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	PSRR	58dB (100Hz)
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Control Features	-
Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Protection Features	Over Current, Over Temperature, Short Circuit
Package / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSC-59R	Operating Temperature	-40°C ~ 85°C
Supplier Device Package SC-59R	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Report errors?	Supplier Device Package	SC-59R
		Report errors?

AP130-15RG-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

Service Guarantees

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

AP130-15RG-7 Payment Methods



AP130-15RG-7 Shipping Methods



If you have any question about AP130-15RG-7, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com