



AP7365-28ERG-13 Information



For Reference Only

Part Number AP7365-28ERG-13

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN 2.8V 600MA SOT223R-3

Package TO-261-4, TO-261AA

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

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.









AP7365-28ERG-13 Specifications

Manufacturer Part Number AP7365-28ERG-13 Manufacturer Diodes Incorporated Category Integrated Circuits (ICs) Package TO-261-4, TO-261AA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.4V @ 600mA Current - Output 600mA Current - Supply (Max) 80μA PSRR 65dB (IkHz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223R-3	•	
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Number of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.4V @ 600mACurrent - Output600mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR65dB (1kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223R-3	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 600mA Current - Quiescent (Iq) - Current - Supply (Max) 80µA PSRR 65dB (1kHz) Control Features - Protection Features Operating Temperature Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Output Type	Fixed
Voltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.4V @ 600mACurrent - Output600mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR65dB (1kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223R-3	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.4V @ 600mACurrent - Output600mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR65dB (1kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223R-3	Voltage - Input (Max)	6V
Voltage Dropout (Max)0.4V @ 600mACurrent - Output600mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR65dB (1kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223R-3	Voltage - Output (Min/Fixed)	2.8V
Current - Output 600mA Current - Quiescent (Iq) - Current - Supply (Max) 80μA PSRR 65dB (1kHz) Control Features - Protection Features Operating Temperature Operating Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package	Voltage - Output (Max)	-
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PSRR 65dB (1kHz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223R-3	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223R-3	Current - Supply (Max)	80μΑ
Protection Features Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223R-3	PSRR	65dB (1kHz)
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223R-3	Control Features	-
Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223R-3	Protection Features	Over Current, Over Temperature
Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223R-3	Operating Temperature	-40°C ~ 85°C
Supplier Device Package SOT-223R-3	Mounting Type	Surface Mount
	Package / Case	TO-261-4, TO-261AA
Report errors?	Supplier Device Package	SOT-223R-3
		Report errors?

AP7365-28ERG-13 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.

AP7365-28ERG-13 Payment Methods



















AP7365-28ERG-13 Shipping Methods













If you have any question about AP7365-28ERG-13, please do not hesitate to contact us!

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