

AP7361C-12SP-13

AP7361C-12SP-13 Information

١	www.helenner.com	 AP7361C-12SP-13 Diodes Incorporated Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LINEAR 1.2V 1A 8SO 8-SOIC (0.154", 3.90mm Width) Exposed Pad For the pricing/inventory/lead time, please contact	
	For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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AP7361C-12SP-13 Specifications

Manufacturer Diodes Incorporated Manufacturer Diodes Incorporated Category Integrated Circuits (ICs) Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Package - Output Configuration Positive Output Configuration Positive Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Quiescent (Iq) - Control Features SopuA Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad		
Arrow Crucits (ICs) PMIC - Voltage Regulators - Linear Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 0.7V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 80µA PSRR 75dB ~ 55dB (1kHz ~ 10kHz) Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 8.SOIC (0.154", 3.90mm Width) Exposed Pad Surplier Device Package 8-SOIE @	Manufacturer Part Number	AP7361C-12SP-13
PMIC - Voltage Regulators - LinearPackage8-SOIC (0.154", 3.90mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage - Output (Max)0.7V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR75dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Manufacturer	Diodes Incorporated
Package8-SOIC (0.154", 3.90mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRR75dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage - Output (Max)0.7V @ 1ACurrent - Output1ACurrent - Output80µAPSRR75dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesOver Current, Over TemperatureProtection Features-Operating Temperature-40°C ~ 85°CMounting Type85OIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage - Output (Max)0.7V @ 1ACurrent - Output1ACurrent - Output80µAPSRR55dB (1kHz ~ 10kHz)Control FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 85°CMounting TypeSeNGI (0.154", 3.90mm Width) Exposed PadSupplier Device Package85O-EP	Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad
PrivateFixedOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRR75dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIE(0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Series	-
Number of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRR75dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Output Configuration	Positive
Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 0.7V @ 1A Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 80μA PSRR 75dB ~ 55dB (1kHz ~ 10kHz) Control Features Dover Current, Over Temperature Operating Temperature - Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad	Output Type	Fixed
Voltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR75dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.7V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR75dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Voltage - Input (Max)	6V
Voltage Dropout (Max)0.7V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR75dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Voltage - Output (Min/Fixed)	1.2V
Current - OutputIACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR75dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)80μAPSRR75dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Voltage Dropout (Max)	0.7V @ 1A
Current - Supply (Max)80μAPSRR75dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Current - Output	1A
PSRR75dB ~ 55dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Current - Quiescent (Iq)	-
Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Current - Supply (Max)	80µA
Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	PSRR	75dB ~ 55dB (1kHz ~ 10kHz)
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Control Features	Enable
Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Protection Features	Over Current, Over Temperature
Package / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SO-EP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-SO-EP	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad
	Supplier Device Package	8-SO-EP
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AP7361C-12SP-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 BUARANTEE

Service Guarantees

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

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