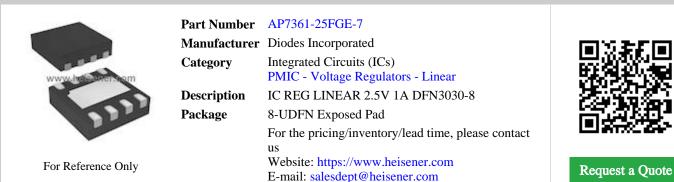


## AP7361-25FGE-7

### **AP7361-25FGE-7 Information**





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.



### **AP7361-25FGE-7 Specifications**

ManufacturerDiodes IncorporatedCategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackage8-UDFN Exposed PadStries-Output ConfigurationPositiveOutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)2.5VVoltage Output (Max)0.7V @ IACurrent - Output1.4Current - Output1.4Current - Output90µACurrent - Supply (Max)65B ~ 45dB (1kHz ~ 10kHz)PSRRGover Current, Over Temperature, Short CircuitOperating Temperature-0ver Current, Over Temperature, Short CircuitProtection FeaturesGurface MountPackage / CaseSurface MountPackage / CaseSurface Mount		
Arrow of the second s	Manufacturer Part Number	AP7361-25FGE-7
PMIC - Voltage Regulators - LinearPackage8-UDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage - Output (Max)0.7V @ 1ACurrent - Output90µACurrent - Quiescent (Iq)-Current - Supply (Max)90µAPSRR65dB ~ 45dB (1kHz ~ 10kHz)Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting Type8-UDFN Exposed Pad	Manufacturer	Diodes Incorporated
Package8-UDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)0.7V @ 1AVoltage Dropout (Max)1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)90µAPSRR65dB ~ 45dB (1kHz ~ 10kHz)Control FeaturesDover Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting Type8-UDFN Exposed Pad	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage - Output (Max)0.7V @ 1ACurrent - Output1Current - Quiescent (Iq)-Current - Supply (Max)90µAPSRR65dB ~ 45dB (1kHz ~ 10kHz)Control FeaturesDover Current, Over Temperature, Short CircuitProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature4u°C ~ 85°CMounting TypeSurface MountPackage / Case8-UDFN Exposed Pad		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)90µAPSRR65dB ~ 45dB (1kHz ~ 10kHz)Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting Type8-UDFN Exposed Pad	Package	8-UDFN Exposed Pad
Prive of RegulatorsFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)90µAPSRR65dB ~ 45dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature40°C ~ 85°CMounting TypeSetUDFN Exposed Pad	Series	-
Number of Regulators1Number of Regulators6VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)90µAPSRR65dB ~ 45dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-UDFN Exposed Pad	Output Configuration	Positive
Voltage - Input (Max)     6V       Voltage - Output (Min/Fixed)     2.5V       Voltage - Output (Max)     -       Voltage Dropout (Max)     0.7V @ 1A       Current - Output     1A       Current - Quiescent (Iq)     -       Current - Supply (Max)     90µA       PSRR     65dB ~ 45dB (1kHz ~ 10kHz)       Control Features     Enable       Protection Features     Over Current, Over Temperature, Short Circuit       Operating Temperature     40°C ~ 85°C       Mounting Type     Surface Mount       Package / Case     8-UDFN Exposed Pad	Output Type	Fixed
Voltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)0.7V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)90μAPSRR65dB ~ 45dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-UDFN Exposed Pad	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.7V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)90μAPSRR65dB ~ 45dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-UDFN Exposed Pad	Voltage - Input (Max)	6V
Voltage Dropout (Max)0.7V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)90μAPSRR65dB ~ 45dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-UDFN Exposed Pad	Voltage - Output (Min/Fixed)	2.5V
Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)90μAPSRR65dB ~ 45dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-UDFN Exposed Pad	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)90μAPSRR65dB ~ 45dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-UDFN Exposed Pad	Voltage Dropout (Max)	0.7V @ 1A
Current - Supply (Max)90μAPSRR65dB ~ 45dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-UDFN Exposed Pad	Current - Output	1A
PSRR65dB ~ 45dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-UDFN Exposed Pad	Current - Quiescent (Iq)	-
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-UDFN Exposed Pad	Current - Supply (Max)	90μΑ
Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-UDFN Exposed Pad	PSRR	65dB ~ 45dB (1kHz ~ 10kHz)
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-UDFN Exposed Pad	Control Features	Enable
Mounting Type Surface Mount   Package / Case 8-UDFN Exposed Pad	Protection Features	Over Current, Over Temperature, Short Circuit
Package / Case 8-UDFN Exposed Pad	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
	Package / Case	8-UDFN Exposed Pad
Supplier Device Package U-DFN3030-8 (Type E)	Supplier Device Package	U-DFN3030-8 (Type E)
Report errors?		Report errors?

### **AP7361-25FGE-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 BUARANTEE

#### **Service Guarantees**

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

### AP7361-25FGE-7 Payment Methods



### **AP7361-25FGE-7** Shipping Methods



If you have any question about AP7361-25FGE-7, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com