

AP7340-23FS4-7 Information



For Reference Only

Part Number AP7340-23FS4-7

Manufacturer Diodes Incorporated

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LINEAR 2.3V 150MA 4DFNPackage4-XDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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AP7340-23FS4-7 Specifications

Manufacturer Part Number AP7340-23F84-7 Manufacturer Diodes Incorporated Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-XDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 2.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.36V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 50μA ~ 100μA PSRR 75dB (1kHz) Control Features Over Current Operating Temperature 4.0°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package X2-DFN1010-4		
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Package 4-XDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 2.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.36V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 50μA ~ 100μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package X2-DFN1010-4	Manufacturer	Diodes Incorporated
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.25VVoltage - Output (Min/Fixed)2.3VVoltage - Output (Max)-Voltage Dropout (Max)0.36V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 100μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device PackageX2-DFN1010-4		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.25VVoltage - Output (Min/Fixed)2.3VVoltage - Output (Max)-Voltage Dropout (Max)0.36V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 100μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device PackageX2-DFN1010-4	Package	4-XDFN Exposed Pad
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.25V Voltage - Output (Min/Fixed) 2.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.36V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 50μA ~ 100μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package X2-DFN1010-4	Series	-
Number of Regulators 1 Voltage - Input (Max) 5.25 V Voltage - Output (Min/Fixed) 2.3 V Voltage - Output (Max) - Voltage Dropout (Max) 0.36 V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 50μA ~ 100μA PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package X2-DFN1010-4	Output Configuration	Positive
Voltage - Input (Max)5.25VVoltage - Output (Min/Fixed)2.3VVoltage - Output (Max)-Voltage Dropout (Max)0.36V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 100μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device PackageX2-DFN1010-4	Output Type	Fixed
Voltage - Output (Min/Fixed)2.3VVoltage - Output (Max)-Voltage Dropout (Max)0.36V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)50μA ~ 100μAPSRR75dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device PackageX2-DFN1010-4	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package - Control (Max) - 0.36V @ 150mA - 100μA - 0.00μA - 0.	Voltage - Input (Max)	5.25V
Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB (1kHz) Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package Voltage 150mA 0.36V @ 150mA 0.400μA Fourier 100μA Supplier Surface Mount 4-40°C ~ 85°C 4-XDFN Exposed Pad Supplier Device Package	Voltage - Output (Min/Fixed)	2.3V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 75dB (1kHz) Control Features Protection Features Over Current Operating Temperature Λυσια Αυθος Αυθος Δεας Μουπτίας Τγρε Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) - $50\mu A \sim 100\mu A$ PSRR $75dB (1kHz)$ Control Features Enable Protection Features Over Current Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Package / Case 4 -XDFN Exposed Pad Supplier Device Package $X2$ -DFN1010-4	Voltage Dropout (Max)	0.36V @ 150mA
Current - Supply (Max) $50\mu A \sim 100\mu A$ PSRR $75dB$ (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $4\text{-XDFN Exposed Pad}$ Supplier Device PackageX2-DFN1010-4	Current - Output	150mA
PSRR 75dB (1kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package X2-DFN1010-4	Current - Quiescent (Iq)	-
Control Features Enable Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package X2-DFN1010-4	Current - Supply (Max)	50μA ~ 100μA
Protection Features Over Current Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $4\text{-XDFN Exposed Pad}$ Supplier Device Package $X2\text{-DFN1010-4}$	PSRR	75dB (1kHz)
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package X2-DFN1010-4	Control Features	Enable
Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package X2-DFN1010-4	Protection Features	Over Current
Package / Case 4-XDFN Exposed Pad Supplier Device Package X2-DFN1010-4	Operating Temperature	-40°C ~ 85°C
Supplier Device Package X2-DFN1010-4	Mounting Type	Surface Mount
	Package / Case	4-XDFN Exposed Pad
Report errors?	Supplier Device Package	X2-DFN1010-4
		Report errors?

AP7340-23FS4-7 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 Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

AP7340-23FS4-7 Payment Methods









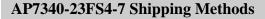
























If you have any question about AP7340-23FS4-7, please do not hesitate to contact us!

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