

AP7312-1833FM-7

AP7312-1833FM-7 Information

	E	Part Number	AP7312-1833FM-7	
		Manufacturer	Diodes Incorporated	
	Nove Schemercom	Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
		Description	IC REG LINEAR 1.8V/3.3V 6DFN	
		Package	6-UFDFN Exposed Pad	[대부대로 보험]
			For the pricing/inventory/lead time, please contact us	E14576.874
	For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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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.



AP7312-1833FM-7 Specifications

ManufacturerDiodes IncorporatedCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage6-UFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.8V, 3.3VVoltage - Output (Max)-Voltage - Output (Max)0.3V @ 150mA, 0.2V @ 150mACurrent - Output150mA, 150mACurrent - OutputSigle (IHz)Current - Supply (Max)64BPSRR65dB (1Hz)Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature40°C ~ 85°CMounting Type6.UFDFN Exposed Pad	_		
Actegory Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 6-UFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 1.8V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.3V @ 150mA, 0.2V @ 150mA Current - Output 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 80µA PSRR 65dB (1kHz) Control Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad Surplier Device Package 6-UFDFN Exposed Pad	Manufacturer Part Number	AP7312-1833FM-7	
PMIC - Voltage Regulators - LinearPackage6-UFDFN Exposed PadStries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.3V @ 150mA, 0.2V @ 150mACurrent - Output150mA, 150mACurrent - Output64Current - Supply (Max)-PSRR65dB (1Hz)Control FeaturesNove Current, Over Temperature, Short CircuitOperating Temperature4.0°C ~ 85°CMounting Type6.1FDFN Exposed PadPackage / Case6.0FDN2018 (20x1.8)	Manufacturer	Diodes Incorporated	
Package6-UFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.3V @ 150mA, 0.2V @ 150mACurrent - Output150mA, 150mACurrent - Output65dB (1Hz)Current - Supply (Max)65dB (1Hz)PSRR65dB (1Hz)Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	Category	Integrated Circuits (ICs)	
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.8V, 3.3VVoltage - Output (Max)-Voltage - Output (Max)0.3V @ 150mA, 0.2V @ 150mAVoltage Dropout (Max)0.3V @ 150mA, 0.2V @ 150mACurrent - Output150mA, 150mACurrent - Output80µACurrent - Supply (Max)80µAPSRR65dB (1kHz)Control FeaturesDover Current, Over Temperature, Short CircuitOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.3V @ 150mA, 0.2V @ 150mACurrent - Output150mA, 150mACurrent - Output80µAPSRR65dB (1kHz)Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-DFN2018 (2.0x1.8)	Package	6-UFDFN Exposed Pad	
PriceFixedOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)1.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.3V @ 150mA, 0.2V @ 150mACurrent - Output150mA, 150mACurrent - Output80µAPSRR65dB (1kHz)Control FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case6-DFN2018 (2.0x1.8)	Series	-	
Number of Regulators2Number of Regulators6VVoltage - Input (Max)6VVoltage - Output (Min/Fixed)1.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.3V @ 150mA, 0.2V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRR65dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	Output Configuration	Positive	
Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 1.8V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.3V @ 150mA, 0.2V @ 150mA Current - Output 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 80μA PSRR 65dB (1kHz) Control Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad Supplier Device Package 6-DFN2018 (2.0x1.8)	Output Type	Fixed	
Voltage - Output (Min/Fixed)1.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.3V @ 150mA, 0.2V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR65dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	Number of Regulators	2	
Voltage - Output (Max)-Voltage Dropout (Max)0.3V @ 150mA, 0.2V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR65dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	Voltage - Input (Max)	6V	
Voltage Dropout (Max)0.3V @ 150mA, 0.2V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR65dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	Voltage - Output (Min/Fixed)	1.8V, 3.3V	
Current - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR65dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	Voltage - Output (Max)	-	
Current - Quiescent (Iq)-Current - Supply (Max)80μAPSRR65dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	Voltage Dropout (Max)	0.3V @ 150mA, 0.2V @ 150mA	
Current - Supply (Max)80μAPSRR65dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	Current - Output	150mA, 150mA	
PSRR65dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	Current - Quiescent (Iq)	-	
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	Current - Supply (Max)	80µA	
Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	PSRR	65dB (1kHz)	
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	Control Features	Enable	
Mounting TypeSurface MountPackage / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	Protection Features	Over Current, Over Temperature, Short Circuit	
Package / Case6-UFDFN Exposed PadSupplier Device Package6-DFN2018 (2.0x1.8)	Operating Temperature	-40°C ~ 85°C	
Supplier Device Package 6-DFN2018 (2.0x1.8)	Mounting Type	Surface Mount	
	Package / Case	6-UFDFN Exposed Pad	
Report errors?	Supplier Device Package	6-DFN2018 (2.0x1.8)	
			Report errors?

AP7312-1833FM-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.

DISCOVER

AP7312-1833FM-7 Payment Methods



AP7312-1833FM-7 Shipping Methods



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