

S-1131B43PD-N5CTFG

S-1131B43PD-N5CTFG Information



For Reference Only

Part Number	S-1131B43PD-N5CTFG	
Manufacturer	SII Semiconductor Corporation	
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
Description	IC REG LINEAR 4.3V 300MA 6HSON	
Package	6-SMD, Flat Lead 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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S-1131B43PD-N5CTFG Specifications

ManufacturerSII Semiconductor CorporationCategoryIntegrated Circuits (ICs)Package6-SMD, Flat Lead Exposed PadPackage6-SMD, Flat Lead Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)4.3VVoltage - Output (Max)0.28V @ 100mACurrent - Output300mACurrent - Output65µASerike70dB (1kHz)Control FeaturesFinableProtection FeaturesOver CurrentOperating Temperature4.0°C ~ 85°CMounting Type6.5MD, Flat Lead Exposed Pad		
CategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackage6-SMD, Flat Lead Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)4.3VVoltage - Output (Max)-Voltage Doupout (Max)0.28V @ 100mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)65μAPSRR70dB (1kHz)Protection FeaturesOver CurrentProtection FeaturesOver CurrentOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Manufacturer Part Number	S-1131B43PD-N5CTFG
PMC - Voltage Regulators - LinearPackage6-SMD, Flat Lead Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)4.3VVoltage - Output (Min/Fixed)0.28V @ 100mAVoltage Dropout (Max)-Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)65μAPSRR70dB (1HHz)Potection FeaturesOver CurrentProtection FeaturesOver CurrentOperating Temperature4.40°C ~ 85°CMounting Type6.5MD, Flat Lead Exposed PadSupplier Device Package6.5MD, Klat Lead Exposed Pad	Manufacturer	SII Semiconductor Corporation
Package6-SMD, Flat Lead Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6.SVVoltage - Output (Min/Fixed)4.3VVoltage - Output (Max)0.28V @ 100mAVoltage Dropout (Max)300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)65µAPSRR70dB (1Hz)Potection FeaturesOver CurrentProtection FeaturesOver CurrentPotection FeaturesSufface MountPackage / Case6.SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)4.3VVoltage - Output (Max)0.28V @ 100mAVoltage Dropout (Max)0.28V @ 100mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)65µAPSRR70dB (1kHz)Potection FeaturesFnableProtection FeaturesOver CurrentOperating Temperature40°C ~ 85°CMounting Type6.5MD, Flat Lead Exposed PadSupplier Device Package6.5MD, Flat Lead Exposed Pad		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)4.3VVoltage - Output (Max)0.28V @ 100mAVoltage Dropout (Max)0.28V @ 100mACurrent - Output300mACurrent - Quiescent Iq)65µAPSRR70dB (1kHz)Control FeaturesOver CurrentOperating TemperatureOver CurrentOperating TemperatureSufface MountPackage / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Package	6-SMD, Flat Lead Exposed Pad
Process Fixed Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6.5V Voltage - Output (Min/Fixed) 4.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.28V @ 100mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 65μA PSRR 70dB (1kHz) Control Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SMD, Flat Lead Exposed Pad Supplier Device Package 6-HSON (A) (2.9x2.8)	Series	-
Number of Regulators1Number of Regulators6.5VVoltage - Input (Max)6.5VVoltage - Output (Min/Fixed)4.3VVoltage - Output (Max)-Voltage Dropout (Max)0.28V @ 100mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)65µAPSRR70dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-HSON (A) (2.9x2.8)	Output Configuration	Positive
Voltage - Input (Max) 6.5V Voltage - Output (Min/Fixed) 4.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.28V @ 100mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 65µA PSRR 70dB (1kHz) Control Features Over Current Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 6-SND, Flat Lead Exposed Pad	Output Type	Fixed
Voltage - Output (Min/Fixed)4.3VVoltage - Output (Max)-Voltage Dropout (Max)0.28V @ 100mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)65µAPSRR70dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.28V @ 100mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)65μAPSRR70dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Voltage - Input (Max)	6.5V
Voltage Dropout (Max)0.28V @ 100mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)65μAPSRR70dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Voltage - Output (Min/Fixed)	4.3V
Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)65µAPSRR70dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)65μAPSRR70dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Voltage Dropout (Max)	0.28V @ 100mA
Current - Supply (Max)65μAPSRR70dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Current - Output	300mA
PSRR70dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Current - Quiescent (Iq)	_
Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Current - Supply (Max)	65µA
Protection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	PSRR	70dB (1kHz)
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Control Features	Enable
Mounting TypeSurface MountPackage / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Protection Features	Over Current
Package / Case6-SMD, Flat Lead Exposed PadSupplier Device Package6-HSON (A) (2.9x2.8)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package6-HSON (A) (2.9x2.8)	Mounting Type	Surface Mount
	Package / Case	6-SMD, Flat Lead Exposed Pad
Report errors?	Supplier Device Package	6-HSON (A) (2.9x2.8)
		Report errors?

S-1131B43PD-N5CTFG 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.

S-1131B43PD-N5CTFG Payment Methods





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