

FAN2500SX Information



For Reference Only

Part Number FAN2500SX

Manufacturer Fairchild/ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN POS ADJ 100MA SOT23-5

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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



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FAN2500SX Specifications

Manufacturer Part Number FAN2500SX Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) Package SC-74A, SOT-753 Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 6.5V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) 6.36V Voltage Dropout (Max) 0.14V @ 100mA Current - Output 100mA Current - Supply (Max) 50μA PSRR 43dB (120Hz) Control Features Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5		
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Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 6.5V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) 6.36V Voltage Dropout (Max) 0.14V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) 50µA PSRR 43dB (120Hz) Control Features Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5		PMIC - Voltage Regulators - Linear
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Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)6.36VVoltage Dropout (Max)0.14V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)50µAPSRR43dB (120Hz)Control FeaturesEnableProtection FeaturesOver TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Series	-
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Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) 6.36V Voltage Dropout (Max) 0.14V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 43dB (120Hz) Control Features Enable Protection Features Operating Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package	Output Type	Adjustable
Voltage - Output (Min/Fixed)1.8VVoltage - Output (Max)6.36VVoltage Dropout (Max)0.14V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)50μAPSRR43dB (120Hz)Control FeaturesEnableProtection FeaturesOver TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Number of Regulators	1
Voltage - Output (Max)6.36VVoltage Dropout (Max)0.14V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)50μAPSRR43dB (120Hz)Control FeaturesEnableProtection FeaturesOver TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Input (Max)	6.5V
Voltage Dropout (Max) Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 43dB (120Hz) Control Features Enable Protection Features Operating Temperature Operating Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package	Voltage - Output (Min/Fixed)	1.8V
Current - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)50μAPSRR43dB (120Hz)Control FeaturesEnableProtection FeaturesOver TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Voltage - Output (Max)	6.36V
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Current - Supply (Max)50μAPSRR43dB (120Hz)Control FeaturesEnableProtection FeaturesOver TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSC-74A, SOT-753Supplier Device PackageSOT-23-5	Current - Output	100mA
PSRR 43dB (120Hz) Control Features Enable Protection Features Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Current - Quiescent (Iq)	-
Control Features Protection Features Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Current - Supply (Max)	50μΑ
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	PSRR	43dB (120Hz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Control Features	Enable
Mounting Type Surface Mount Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Protection Features	Over Temperature
Package / Case SC-74A, SOT-753 Supplier Device Package SOT-23-5	Operating Temperature	-40°C ~ 125°C
Supplier Device Package SOT-23-5	Mounting Type	Surface Mount
	Package / Case	SC-74A, SOT-753
Report errors?	Supplier Device Package	SOT-23-5
		Report errors?

FAN2500SX 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.

FAN2500SX Payment Methods



















FAN2500SX Shipping Methods













If you have any question about FAN2500SX, please do not hesitate to contact us!

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