



FAN1581T25 Information



For Reference Only

Part Number FAN1581T25

Manufacturer ON Semiconductor

Category Integrated Circuits (

Integrated Circuits (ICs)
PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.5V 5A TO220-5

Package TO-220-5

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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FAN1581T25 Specifications

Manufacturer Part Number FAN1581T25 Manufacturer ON Semiconductor Category Integrated Circuits (ICs) Package TO-220-5 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) 1.18V @ 5A Current - Output 5A Current - Supply (Max) - PSRR 80dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package TO-220-5		
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Number of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)1.18V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)6mACurrent - Supply (Max)-PSRR80dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Output Configuration	Positive
Voltage - Input (Max)7VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)1.18V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)6mACurrent - Supply (Max)-PSRR80dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 1.18V @ 5A Current - Output 5A Current - Quiescent (Iq) 6mA Current - Supply (Max) - PSRR 80dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case Supplier Device Package TO-220-5	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 1.18V @ 5A Current - Output 5A Current - Quiescent (Iq) 6mA Current - Supply (Max) - PSRR 80dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature Operating Type Through Hole Package / Case Supplier Device Package TO-220-5	Voltage - Input (Max)	7V
Voltage Dropout (Max) Current - Output 5A Current - Quiescent (Iq) 6mA Current - Supply (Max) PSRR 80dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case Supplier Device Package TO-220-5	Voltage - Output (Min/Fixed)	2.5V
Current - Output 5A Current - Quiescent (Iq) 6mA Current - Supply (Max) - PSRR 80dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 80dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package	Voltage Dropout (Max)	1.18V @ 5A
Current - Supply (Max) PSRR 80dB (120Hz) Control Features Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package	Current - Output	5A
PSRR 80dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package TO-220-5	Current - Quiescent (Iq)	6mA
Control Features - Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package	Current - Supply (Max)	-
Protection Features Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package TO-220-5	PSRR	80dB (120Hz)
Operating Temperature 0°C ~ 125°C Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package TO-220-5	Control Features	-
Mounting Type Through Hole Package / Case TO-220-5 Supplier Device Package TO-220-5	Protection Features	Over Current, Over Temperature
Package / Case TO-220-5 Supplier Device Package TO-220-5	Operating Temperature	0°C ~ 125°C
Supplier Device Package TO-220-5	Mounting Type	Through Hole
	Package / Case	TO-220-5
Report errors?	Supplier Device Package	TO-220-5
		Report errors?

FAN1581T25 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.

FAN1581T25 Payment Methods





















FAN1581T25 Shipping Methods













If you have any question about FAN1581T25, please do not hesitate to contact us!

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