



FAN1585AM18X Information



For Reference Only

Part Number FAN1585AM18X

Manufacturer Fairchild/ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.8V 5A TO263-3

Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA For the pricing/inventory/lead time, please contact

us

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



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FAN1585AM18X Specifications

Manufacturer Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Series - Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 18V Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output - Quiescent (Iq) - Current - Supply (Max) PSRR 72dB (120Hz) Control Features Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear To-263-A, D2Pak (3 Leads + Tab), TO-263AA Series - PMIC - Voltage Regulators - Linear To-263-A, D2Pak (3 Leads + Tab), TO-263AA Series - PSRe To-263-A, D2Pak (3 Leads + Tab), TO-263AA Series - PMIC - Voltage Regulators - Linear To-263-A Series - To-263-A, D2Pak (3 Leads + Tab), TO-263AA Series - To-265-A Ser	•		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 18V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 13mA PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Manufacturer Part Number	FAN1585AM18X	
PMIC - Voltage Regulators - Linear	Manufacturer	Fairchild/ON Semiconductor	
Package TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 18V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 13mA PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Category	Integrated Circuits (ICs)	
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 18V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 13mA PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)18VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)1.3V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)13mAPSRR72dB (120Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature25°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-4, D2Pak (3 Leads + Tab), TO-263AASupplier Device PackageTO-263-3	Package	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA	
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 18V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 13mA PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Series	-	
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 13mA PSRR 72dB (120Hz) Control Features Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Output Configuration	Positive	
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 13mA PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Output Type	Fixed	
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 13mA PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Number of Regulators	1	
Voltage - Output (Max) Voltage Dropout (Max) 1.3V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 13mA PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Voltage - Input (Max)	18V	
Voltage Dropout (Max) Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 72dB (120Hz) Control Features Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Voltage - Output (Min/Fixed)	1.8V	
Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 13mA PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Voltage - Output (Max)	-	
Current - Quiescent (Iq) Current - Supply (Max) 13mA PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Voltage Dropout (Max)	1.3V @ 5A	
Current - Supply (Max) PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Current - Output	5A	
PSRR 72dB (120Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Current - Quiescent (Iq)	-	
Control Features - Over Current, Over Temperature, Short Circuit Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Current - Supply (Max)	13mA	
Protection Features Over Current, Over Temperature, Short Circuit 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	PSRR	72dB (120Hz)	
Operating Temperature 25°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Control Features	-	
Mounting Type Surface Mount Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Protection Features	Over Current, Over Temperature, Short Circuit	
Package / Case TO-263-4, D2Pak (3 Leads + Tab), TO-263AA Supplier Device Package TO-263-3	Operating Temperature	25°C ~ 125°C	
Supplier Device Package TO-263-3	Mounting Type	Surface Mount	
	Package / Case	TO-263-4, D2Pak (3 Leads + Tab), TO-263AA	
Report errors?	Supplier Device Package	TO-263-3	
			Report errors?

FAN1585AM18X 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.

FAN1585AM18X Payment Methods



















FAN1585AM18X Shipping Methods













If you have any question about FAN1585AM18X, please do not hesitate to contact us!

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