

FAN1581MX

FAN1581MX Information



Part Number	FAN1581MX	
Manufacturer	Fairchild/ON Semiconductor	
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
Description	IC REG LINEAR POS ADJ 5A TO263-5	
Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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For Reference Only

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FAN1581MX Specifications

Manufacturer Fairchild/ON Semiconductor Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 5.7V Voltage Dropout (Max) 1.18V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Quiescent (Iq) - Control Features 0ver Current, Over Temperature Protection Features 0ver Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5		
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.7VVoltage Dropout (Max)1.18V @ 5ACurrent - OutputSACurrent - Quiescent (Iq)-Current - Supply (Max)6mAPSRR80dB (120Hz)Potection Features-Protection FeaturesOver Current, Over TemperatureOperating TemperatureSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Manufacturer Part Number	FAN1581MX
PMIC - Voltage Regulators - LinearPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.7VVoltage Dropout (Max)1.18V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)6mAPSRR80dB (120Hz)Protection Features-Protection Features0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Manufacturer	Fairchild/ON Semiconductor
PackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.7VVoltage Dropout (Max)5.4Current - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)6mAPSRR80dB (120Hz)Potection Features-Potection Features0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.7VVoltage - Output (Max)1.18V @ 5ACurrent - Output5ACurrent - Output6mAPSRR80dB (120Hz)Control Features-Protection Features0ver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BA		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.7VVoltage Dropout (Max)1.18V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)6mAPSRR80dB (120Hz)Control Features-Operating Temperature0ver Current, Over TemperatureOperating TemperatureSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Adjustable Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 5.7V Voltage Dropout (Max) 1.18V @ 5A Current - Output 5.A Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 80dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Series	-
Number of RegulatorsINumber of Regulators7VVoltage - Input (Max)7VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.7VVoltage Dropout (Max)1.18V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)6mAPSRR80dB (120Hz)Control Features-Protection Features0ver Current, Over TemperatureOperating Temperature0ver Current, Over TemperaturePackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Output Configuration	Positive
Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 5.7V Voltage Dropout (Max) 1.18V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 80dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package TO-263-5	Output Type	Adjustable
Voltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.7VVoltage Dropout (Max)1.18V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)6mAPSRR80dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Number of Regulators	1
Voltage - Output (Max)5.7VVoltage Dropout (Max)1.18V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)6mAPSRR80dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Voltage - Input (Max)	7V
Voltage Dropout (Max)1.18V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)6mAPSRR80dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Voltage - Output (Min/Fixed)	1.25V
Current - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)6mAPSRR80dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Voltage - Output (Max)	5.7V
Current - Quiescent (Iq)-Current - Supply (Max)6mAPSRR80dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Voltage Dropout (Max)	1.18V @ 5A
Current - Supply (Max)6mAPSRR80dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Current - Output	5A
PSRR80dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Current - Quiescent (Iq)	-
Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Current - Supply (Max)	6mA
Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	PSRR	80dB (120Hz)
Operating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Control Features	-
Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Protection Features	Over Current, Over Temperature
Package / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Operating Temperature	0° C ~ 125°C
Supplier Device Package TO-263-5	Mounting Type	Surface Mount
	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Report errors ²	Supplier Device Package	TO-263-5
		Report error

FAN1581MX 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

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

FAN1581MX Payment Methods Image: WIRE transfer PayPai Image: Construction of the term Image: Construction of the term Image: Construction of the term FAN1581MX Shipping Methods Image: Construction of the term Image: Construction of the term Image: Construction of the term Image: Construction of term Image: Construction of the term Image: Construction of term

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