



FAN1581DX Information



For Reference Only

Part Number FAN1581DX

Manufacturer Fairchild/ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LINEAR POS ADJ 5A TO252-5**Package**TO-252-5, DPak (4 Leads + Tab), TO-252AD

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









FAN1581DX Specifications

Manufacturer Part Number FAN158IDX Manufacturer Fairchild/ON Semiconductor Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-252-5, DPak (4 Leads + Tab), TO-252AD 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 - 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-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	Till (10012) I specifications	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-252-5, DPak (4 Leads + Tab), TO-252AD Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 1.25 V Voltage - Output (Max) 5.7 V Voltage Dropout (Max) 1.18 V @ 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-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	Manufacturer Part Number	FAN1581DX
PMIC - Voltage Regulators - Linear Package TO-252-5, DPak (4 Leads + Tab), TO-252AD 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 - 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-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	Manufacturer	Fairchild/ON Semiconductor
Package TO-252-5, DPak (4 Leads + Tab), TO-252AD 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 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-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	Category	Integrated Circuits (ICs)
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 - 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-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5		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-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-5, DPak (4 Leads + Tab), TO-252ADSupplier Device PackageTO-252-5	Package	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Output 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-Protection FeaturesOver Current, Over TemperatureOperating Temperature0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-252-5, DPak (4 Leads + Tab), TO-252ADSupplier Device PackageTO-252-5	Series	-
Number of Regulators Voltage - Input (Max) 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 Operating Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package	Output Configuration	Positive
Voltage - Input (Max) 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-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	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-252-5, DPak (4 Leads + Tab), TO-252ADSupplier Device PackageTO-252-5	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 1.18V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 6mA PSRR 80dB (120Hz) Control Features - Protection Features Operating Temperature Operating Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	Voltage - Input (Max)	7V
Voltage Dropout (Max) 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-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package	Voltage - Output (Min/Fixed)	1.25V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) FSRR 80dB (120Hz) Control Features - Protection Features Operating Temperature Operating Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package	Voltage - Output (Max)	5.7V
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-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	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 Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	Current - Output	5A
PSRR 80dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature 0°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	Current - Supply (Max)	6mA
Protection Features Over Current, Over Temperature O°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	PSRR	80dB (120Hz)
Operating Temperature 0°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	Control Features	-
Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	Protection Features	Over Current, Over Temperature
Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package TO-252-5	Operating Temperature	0°C ~ 125°C
Supplier Device Package TO-252-5	Mounting Type	Surface Mount
	Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Report errors?	Supplier Device Package	TO-252-5
		Report errors?

FAN1581DX 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.

FAN1581DX Payment Methods



















FAN1581DX Shipping Methods













If you have any question about FAN1581DX, please do not hesitate to contact us!

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