

IFX1963TEVATMA1

IFX1963TEVATMA1 Information



For Reference Only

Part Number IFX1963TEVATMA1

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LIN POS ADJ 1.5A 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



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Certified Quality

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Description









IFX1963TEVATMA1 Specifications

Manufacturer Infineon Technologies 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) 20V Voltage - Output (Min/Fixed) 1.21V Voltage - Output (Max) 19.45V Voltage Dropout (Max) 0.55V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 1.5mA ~ 130mA PSRR 67dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5			
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PMIC - Voltage Regulators - Linear	Manufacturer	Infineon Technologies	
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Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 1.21V Voltage - Output (Max) 19.45V Voltage - Output (Max) 0.55V @ 1.5A Current - Output 1.5A Current - Output 1.5A Current - Supply (Max) 1.5mA ~ 130mA PSRR 67dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package		PMIC - Voltage Regulators - Linear	
Output Configuration Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 20V Voltage - Output (Min/Fixed) 1.21V Voltage - Output (Max) 19.45V Voltage Dropout (Max) 0.55V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 1.5mA ~ 130mA PSRR 67dB (120Hz) Control Features Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package	Package	TO-252-5, DPak (4 Leads + Tab), TO-252AD	
Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.21V Voltage - Output (Max) 1.54V Voltage Dropout (Max) 0.55V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 1.5mA ~ 130mA PSRR 67dB (120Hz) Control Features Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	Series	-	
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) Voltage Dropout (Max) Voltage Dropout (Max) 1.5A Current - Output 1.5A Current - Quiescent (Iq) Current - Supply (Max) 1.5mA ~ 130mA PSRR 67dB (120Hz) Control Features Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 40°C ~ 125°C Mounting 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) 1.21V Voltage - Output (Max) 19.45V Voltage Dropout (Max) 0.55V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 1.5mA ~ 130mA PSRR 67dB (120Hz) Control Features Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	Output Type	Adjustable	
Voltage - Output (Min/Fixed) 1.21V Voltage - Output (Max) 19.45V Voltage Dropout (Max) 0.55V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 67dB (120Hz) Control Features Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	Number of Regulators	1	
Voltage - Output (Max) Voltage Dropout (Max) 0.55V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 67dB (120Hz) Control Features Protection Features Protection Features Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	Voltage - Input (Max)	20V	
Voltage Dropout (Max) Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 67dB (120Hz) Control Features Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	Voltage - Output (Min/Fixed)	1.21V	
Current - Output Current - Quiescent (Iq) Current - Supply (Max) 1.5mA ~ 130mA PSRR 67dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	Voltage - Output (Max)	19.45V	
Current - Quiescent (Iq) Current - Supply (Max) 1.5mA ~ 130mA PSRR 67dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	Voltage Dropout (Max)	0.55V @ 1.5A	
Current - Supply (Max) 1.5mA ~ 130mA 67dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	Current - Output	1.5A	
PSRR 67dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	Current - Quiescent (Iq)	-	
Control Features Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	Current - Supply (Max)	1.5mA ~ 130mA	
Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	PSRR	67dB (120Hz)	
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	Control Features	Enable	
Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	Protection Features	Over Current, Over Temperature, Reverse Polarity, Short Circuit	
Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package PG-TO252-5	Operating Temperature	-40°C ~ 125°C	
Supplier Device Package PG-TO252-5	Mounting Type	Surface Mount	
	Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD	
Report errors?	Supplier Device Package	PG-TO252-5	
Report chois:			Report errors?

IFX1963TEVATMA1 Guarantees



Ouality 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.

IFX1963TEVATMA1 Payment Methods





















IFX1963TEVATMA1 Shipping Methods













If you have any question about IFX1963TEVATMA1, please do not hesitate to contact us!

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