



PQ025EF01SZ Information

Heisener.com

Part Number PQ025EF01SZ

Manufacturer Sharp Microelectronics

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.5V 1A TO220-4

Package TO-220-4

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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Certified Quality

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PQ025EF01SZ Specifications

Manufacturer Part Number PQ025EF018Z Manufacturer Sharp Microelectronics Category Integrated Circuits (ICs) PACKAGE TO-220-4 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 2mA PSRR 60dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case TO-220-4 Supplier Device Package TO-220-4	1	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-220-4 Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 2mA PSRR 60dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case TO-220-4 Supplier Device Package TO-220-4	Manufacturer Part Number	PQ025EF01SZ
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Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)2mAPSRR60dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeThrough HolePackage / CaseTO-220-4Supplier Device PackageTO-220-4	Package	TO-220-4
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Number of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)2mAPSRR60dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeThrough HolePackage / CaseTO-220-4Supplier Device PackageTO-220-4	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB (120Hz) Control Features Frotection Features Over Current, Over Temperature Operating Temperature Operating Type Mounting Type Through Hole Package / Case Supplier Device Package 10V 2.5V 2.60	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB (120Hz) Control Features Protection Features Over Current, Over Temperature Operating Temperature Mounting Type Through Hole Package / Case Supplier Device Package 7O-220-4	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature Ao°C ~ 85°C Mounting Type Through Hole Package / Case Supplier Device Package TO-220-4	Voltage - Input (Max)	10V
Voltage Dropout (Max) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB (120Hz) Control Features Enable Protection Features Operating Temperature Operating Type Mounting Type Through Hole Package / Case Supplier Device Package TO-220-4	Voltage - Output (Min/Fixed)	2.5V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (120Hz) Control Features Enable Protection Features Operating Temperature Operating Type Through Hole Package / Case TO-220-4 Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case TO-220-4 Supplier Device Package	Voltage Dropout (Max)	-
Current - Supply (Max) PSRR 60dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case TO-220-4 Supplier Device Package	Current - Output	1A
PSRR 60dB (120Hz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case TO-220-4 Supplier Device Package TO-220-4	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case TO-220-4 Supplier Device Package	Current - Supply (Max)	2mA
Protection Features Operating Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case TO-220-4 Supplier Device Package TO-220-4	PSRR	60dB (120Hz)
Operating Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case TO-220-4 Supplier Device Package TO-220-4	Control Features	Enable
Mounting Type Through Hole Package / Case TO-220-4 Supplier Device Package TO-220-4	Protection Features	Over Current, Over Temperature
Package / Case TO-220-4 Supplier Device Package TO-220-4	Operating Temperature	-40°C ~ 85°C
Supplier Device Package TO-220-4	Mounting Type	Through Hole
	Package / Case	TO-220-4
Report errors?	Supplier Device Package	TO-220-4
		Report errors?

PQ025EF01SZ 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.

PQ025EF01SZ Payment Methods



















PQ025EF01SZ Shipping Methods













If you have any question about PQ025EF01SZ, please do not hesitate to contact us!

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