



PQ010GN01ZPH Information



For Reference Only

Part Number PQ010GN01ZPH

Manufacturer Sharp Microelectronics

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1V 1A SC63

Package TO-252-5, DPak (4 Leads + Tab), TO-252AD

For the pricing/inventory/lead time, please contact

us

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PQ010GN01ZPH Specifications

Manufacturer Part Number PQ010GN01ZPH Manufacturer Sharp Microelectronics Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-252-5, DPak (4 Leads + Tab), TO-252AD Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 60dB ~ 53dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package SC-63		
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 60dB ~ 53dB (120Hz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package SC-63		PMIC - Voltage Regulators - Linear
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Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR60dB ~ 53dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-252-5, DPak (4 Leads + Tab), TO-252ADSupplier Device PackageSC-63	Series	-
Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 60dB ~ 53dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package SC-63	Output Configuration	Positive
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR60dB ~ 53dB (120Hz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / CaseTO-252-5, DPak (4 Leads + Tab), TO-252ADSupplier Device PackageSC-63	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 60dB ~ 53dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package SC-63	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 60dB ~ 53dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package SC-63	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB ~ 53dB (120Hz) Control Features Protection Features Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package SC-63	Voltage - Output (Min/Fixed)	1V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB ~ 53dB (120Hz) Control Features - Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) - PSRR 60dB ~ 53dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package	Voltage Dropout (Max)	-
Current - Supply (Max) PSRR 60dB ~ 53dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package SC-63	Current - Output	1A
PSRR 60dB ~ 53dB (120Hz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package SC-63	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package SC-63	Current - Supply (Max)	-
Protection Features Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package SC-63	PSRR	60dB ~ 53dB (120Hz)
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package SC-63	Control Features	-
Mounting Type Surface Mount Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package SC-63	Protection Features	Over Current, Over Temperature
Package / Case TO-252-5, DPak (4 Leads + Tab), TO-252AD Supplier Device Package SC-63	Operating Temperature	-40°C ~ 85°C
Supplier Device Package SC-63	Mounting Type	Surface Mount
	Package / Case	TO-252-5, DPak (4 Leads + Tab), TO-252AD
Report errors?	Supplier Device Package	SC-63
		Report errors?

PQ010GN01ZPH 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.

PQ010GN01ZPH Payment Methods



















PQ010GN01ZPH Shipping Methods













If you have any question about PQ010GN01ZPH, please do not hesitate to contact us!

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