



RT9030-33GQW Information



For Reference Only

Part Number RT9030-33GQW Manufacturer Richtek USA Inc. Category

Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 3.3V 150MA 6WDFN Package 6-WFDFN Exposed Pad

For the pricing/inventory/lead time, please contact

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



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RT9030-33GQW Specifications

Manufacturer Part Number RT9030-33GQW Manufacturer Richtek USA Inc. Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 6-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.15V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 50μA PSRR 67dB ~ 40dB (1kHz ~ 100kHz) Control Features Fnable		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 6-WFDFN Exposed Pad Series Output Configuration Positive Output Type Fixed Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 6-WFDFN Exposed Pad 5-WFDFN Exposed	Manufacturer Part Number	RT9030-33GQW
PMIC - Voltage Regulators - Linear Package 6-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.15V @ 150mA Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 50μA PSRR 67dB ~ 40dB (1kHz ~ 100kHz)	Manufacturer	Richtek USA Inc.
Package6-WFDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.15V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)50μAPSRR67dB ~ 40dB (1kHz ~ 100kHz)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.15V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)50μAPSRR67dB ~ 40dB (1kHz ~ 100kHz)		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR Positive Fixed 1 0.15V	Package	6-WFDFN Exposed Pad
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.15V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 50µA PSRR 67dB ~ 40dB (1kHz ~ 100kHz)	Series	-
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 67dB ~ 40dB (1kHz ~ 100kHz)	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 5.5V 5.5V 5.5V 5.5V 5.5V 5.5V 5.5V 5.5V 5.6V 6.70mA 5.60mA 6.70mA 6.70mA 6.70mA 6.70mA 6.70mA 6.70mA 6.70mA	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 3.3V 3.3V 3.3V 5.0mA 5.0mA 5.0mA 6.7dB ~ 40dB (1kHz ~ 100kHz)	Number of Regulators	1
$Voltage - Output (Max) \\ Voltage Dropout (Max) \\ Current - Output \\ 150mA \\ Current - Quiescent (Iq) \\ Current - Supply (Max) \\ PSRR \\ 67dB \sim 40dB (1kHz \sim 100kHz)$	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) $0.15V @ 150mA$ $Current - Output 150mA$ $Current - Quiescent (Iq) - Current - Supply (Max) 50\muA 67dB \sim 40dB (1kHz \sim 100kHz)$	Voltage - Output (Min/Fixed)	3.3V
Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 50 μ A PSRR 67dB ~ 40dB (1kHz ~ 100kHz)	Voltage - Output (Max)	-
Current - Quiescent (Iq) - Current - Supply (Max) $50\mu A$ PSRR $67dB \sim 40dB (1kHz \sim 100kHz)$	Voltage Dropout (Max)	0.15V @ 150mA
Current - Supply (Max) $50\mu A$ PSRR $67dB \sim 40dB (1kHz \sim 100kHz)$	Current - Output	150mA
PSRR 67dB ~ 40dB (1kHz ~ 100kHz)	Current - Quiescent (Iq)	-
	Current - Supply (Max)	50μΑ
Control Features Enable	PSRR	67dB ~ 40dB (1kHz ~ 100kHz)
Control Features	Control Features	Enable
Protection Features Over Current, Over Temperature	Protection Features	Over Current, Over Temperature
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 6-WFDFN Exposed Pad	Package / Case	6-WFDFN Exposed Pad
Supplier Device Package 6-WDFN (1.6x1.6)	Supplier Device Package	6-WDFN (1.6x1.6)
Report errors		Report errors?

RT9030-33GQW 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.

RT9030-33GQW Payment Methods



















RT9030-33GQW Shipping Methods













If you have any question about RT9030-33GQW, please do not hesitate to contact us!

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