

RT9198-33GBG Information



For Reference Only

Part NumberRT9198-33GBGManufacturerRichtek USA Inc.

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN 3.3V 300MA SOT23-5G

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

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



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RT9198-33GBG Specifications

Manufacturer Part Number Manufacturer Richtek USA Inc. Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SC-74A, SOT-753 Series Output Configuration Positive Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) Pine A Richtek USA Inc. Richtek USA Inc. Richtek USA Inc. Integrated Circuits (ICs) PMIC - Voltage Regulators - Output - Voltage Regulators - Output Configuration Positive Fixed Number of Regulators 1 Voltage - Input (Max) - Supply (Max) - Output (Min/Fixed) - Output (Max) - Ou		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package SC-74A, SOT-753 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) 0.33V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 130µA	Manufacturer Part Number	RT9198-33GBG
Package SC-74A, SOT-753 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) 0.33V @ 300mA Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 130µA	Manufacturer	Richtek USA Inc.
Package SC-74A, SOT-753 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 - Output (Max) 0.33V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 130µA	Category	Integrated Circuits (ICs)
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) 0.33V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 130μA		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.33V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)130μA	Package	SC-74A, SOT-753
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.33V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 130µA	Series	-
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.33V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)130μA	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) 5.5V 5.5V 5.5V 6.33V - 1.30mA	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) 130µA	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) Current - Supply (Max) 130µA	Voltage - Output (Min/Fixed)	3.3V
Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 130µA	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) - 130µA	Voltage Dropout (Max)	0.33V @ 300mA
Current - Supply (Max) 130µA	Current - Output	300mA
	Current - Quiescent (Iq)	-
CO ID 20 ID (100H 101H)	Current - Supply (Max)	130μΑ
PSRR 600B ~ 300B (100Hz ~ 10KHz)	PSRR	60dB ~ 30dB (100Hz ~ 10kHz)
Control Features -	Control Features	-
Protection Features Over Current, Over Temperature	Protection Features	Over Current, Over Temperature
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Operating Temperature	-40°C ~ 125°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case SC-74A, SOT-753	Package / Case	SC-74A, SOT-753
Supplier Device Package SOT-23-5G	Supplier Device Package	SOT-23-5G
Report errors		Report errors?

RT9198-33GBG 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.

RT9198-33GBG Payment Methods



















RT9198-33GBG Shipping Methods













If you have any question about RT9198-33GBG, please do not hesitate to contact us!

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