

RT9001-33GG Information



For Reference Only

Part Number RT9001-33GG
Manufacturer Richtek USA Inc.

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 3.3V 600MA SOT223

Package TO-261-4, TO-261AA

For the pricing/inventory/lead time, please contact

us

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



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RT9001-33GG Specifications

| Manufacturer Part Number RT9001-33GG Manufacturer Richtek USA Inc. Category Integrated Circuits (ICs) Package TO-261-4, TO-261AA 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) 0.58V @ 600mA (Typ) Current - Output 600mA Current - Quiescent (Iq) - Current - Supply (Max) 300μA PSRR 55dB (IkHz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA Supplier Device Package SOT-223 | | |
|--|------------------------------|------------------------------------|
| Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-261-4, TO-261AA 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) 0.58V @ 600mA (Typ) Current - Output 600mA Current - Quiescent (Iq) - Current - Supply (Max) 300μA PSRR 55dB (IkHz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA | Manufacturer Part Number | RT9001-33GG |
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| Voltage - Input (Max) Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 600mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 55dB (1kHz) Control Features - Protection Features Operating Temperature Mounting Type Package / Case 5.5V 3.3V 3.3V - 0.58V @ 600mA (Typ) 600mA (Typ) 600mA - Current - Output 600mA - Current - Supply (Max) 300μA Stribe (1kHz) - Control Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA | Output Type | Fixed |
| Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output 600mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 55dB (1kHz) Control Features Protection Features Operating Temperature Mounting Type Package / Case 3.3V 3.3V 3.3V - Voltage - Output (Min/Fixed) 500mA 600mA - Current - Supply (Max) Supply (Ma | Number of Regulators | 1 |
| Voltage - Output (Max) Voltage Dropout (Max) Current - Output 600mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 55dB (1kHz) Control Features Protection Features Operating Temperature Mounting Type Package / Case - Current - Supply (Max) Some A Output Current - Quiescent (Iq) - Current - Supply (Max) Some A Output Current - Quiescent (Iq) - Current - Supply (Max) Some A Output Current - Supply (Max) Some A Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case | Voltage - Input (Max) | 5.5V |
| Voltage Dropout (Max)0.58V @ 600mA (Typ)Current - Output600mACurrent - Quiescent (Iq)-Current - Supply (Max)300μAPSRR55dB (1kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AA | Voltage - Output (Min/Fixed) | 3.3V |
| Current - Output600mACurrent - Quiescent (Iq)-Current - Supply (Max)300μAPSRR55dB (1kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AA | Voltage - Output (Max) | - |
| Current - Quiescent (Iq) Current - Supply (Max) PSRR 55dB (1kHz) Control Features - Protection Features Operating Temperature Operating Type Surface Mount Package / Case - Current - Quiescent (Iq) - Over Current, Over Temperature -40°C ~ 125°C TO-261-4, TO-261AA | Voltage Dropout (Max) | 0.58V @ 600mA (Typ) |
| Current - Supply (Max) $300μA$ PSRR $55dB$ (1kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature -40 °C ~ 125 °CMounting TypeSurface MountPackage / Case $TO-261-4$, $TO-261AA$ | Current - Output | 600mA |
| PSRR 55dB (1kHz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA | Current - Quiescent (Iq) | - |
| Control Features - Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA | Current - Supply (Max) | 300μΑ |
| Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA | PSRR | 55dB (1kHz) |
| Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA | Control Features | - |
| Mounting Type Surface Mount Package / Case TO-261-4, TO-261AA | Protection Features | Over Current, Over Temperature |
| Package / Case TO-261-4, TO-261AA | Operating Temperature | -40°C ~ 125°C |
| | Mounting Type | Surface Mount |
| Supplier Device Package SOT-223 | Package / Case | TO-261-4, TO-261AA |
| | Supplier Device Package | SOT-223 |
| Report errors? | | Report errors? |

RT9001-33GG 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.

RT9001-33GG Payment Methods





















RT9001-33GG Shipping Methods













If you have any question about RT9001-33GG, please do not hesitate to contact us!

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