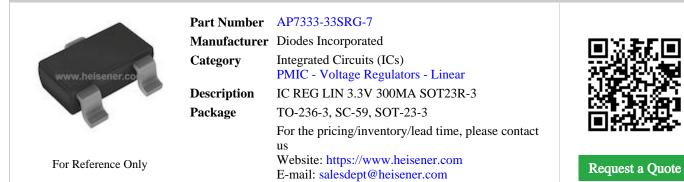


AP7333-33SRG-7

AP7333-33SRG-7 Information



Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



AP7333-33SRG-7 Specifications

| Manufacturer Diodes Incorporated Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-236-3, SC-59, SOT-23-3 Series - Dutput Configuration Positive Dutput Type Fixed Voltage - Input (Max) 6V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 300mA Current - Supply (Max) - SPRR 65dB (100Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C | | |
|---|------------------------------|---|
| CategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackageTO-236-3, SC-59, SOT-23-3Series-Dutput ConfigurationPositiveDutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Doupout (Max)0.55V @ 300mACurrent - Output30mACurrent - Quiescent (Iq)-Current - Supply (Max)5/5µA ~ 85µAControl Features-Protection Features-Protection Features-Operating Temperature40°C ~ 85°C | Manufacturer Part Number | AP7333-33SRG-7 |
| PMIC - Voltage Regulators - Linear Package TO-236-3, SC-59, SOT-23-3 Series - Dutput Configuration Positive Dutput Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage - Output (Max) 0.55V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 75μA ~ 85μA SPSR 65dB (100Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature 40°C ~ 85°C | Manufacturer | Diodes Incorporated |
| Package TO-236-3, SC-59, SOT-23-3 Series - Output Configuration Positive Dutput Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.55V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - PSRR 65dB (100Hz) Control Features - Protection Features - Operating Temperature - | Category | Integrated Circuits (ICs) |
| Series - Duput Configuration Positive Duput Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.55V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 55B (100Hz) PSRR 65dB (100Hz) Control Features - Protection Features - Operating Temperature - | | PMIC - Voltage Regulators - Linear |
| Duput Configuration Positive Duput Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.55V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 75μA ~ 85μA PSRR 65dB (100Hz) Protection Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C | Package | TO-236-3, SC-59, SOT-23-3 |
| Dutput Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage - Output (Max) 0.55V @ 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 75μA ~ 85μA PSRR 65dB (100Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C | Series | - |
| Number of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.55V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)75µA ~ 85µAPSRR65dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°C | Output Configuration | Positive |
| Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.55V @ 300mA Current - Output 300mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 75μA ~ 85μA PSRR 65dB (100Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit Operating Temperature -40°C ~ 85°C | Output Type | Fixed |
| Voltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.55V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)75µA ~ 85µAPSRR65dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°C | Number of Regulators | 1 |
| Voltage - Output (Max)-Voltage Dropout (Max)0.55V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)75μA ~ 85μAPSRR65dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°C | Voltage - Input (Max) | 6V |
| Voltage Dropout (Max)0.55V @ 300mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)75μA ~ 85μAPSRR65dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°C | Voltage - Output (Min/Fixed) | 3.3V |
| Current - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)75µA ~ 85µAPSRR65dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°C | Voltage - Output (Max) | - |
| Current - Quiescent (Iq)-Current - Supply (Max)75μA ~ 85μAPSRR65dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°C | Voltage Dropout (Max) | 0.55V @ 300mA |
| Current - Supply (Max)75μA ~ 85μAPSRR65dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°C | Current - Output | 300mA |
| PSRR65dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°C | Current - Quiescent (Iq) | - |
| Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°C | Current - Supply (Max) | 75μΑ ~ 85μΑ |
| Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 85°C | PSRR | 65dB (100Hz) |
| $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ | Control Features | - |
| | Protection Features | Over Current, Over Temperature, Short Circuit |
| Aunting Type Surface Mount | Operating Temperature | $-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$ |
| | Mounting Type | Surface Mount |
| Package / Case TO-236-3, SC-59, SOT-23-3 | Package / Case | TO-236-3, SC-59, SOT-23-3 |
| Supplier Device Package SOT-23R-3 | Supplier Device Package | SOT-23R-3 |
| Report errors? | | Report errors? |

AP7333-33SRG-7 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

AP7333-33SRG-7 Payment Methods



AP7333-33SRG-7 Shipping Methods



If you have any question about AP7333-33SRG-7, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com