

TPS70251PWPRG4

TPS70251PWPRG4 Information

| Hittititi Mittitititi Mittitititi Mittitititi | TPS70251PWPRG4 Texas Instruments Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LINEAR 3.3V/1.8V 20HTSSOP 20-TSSOP (0.173", 4.40mm Width) Exposed Pad For the pricing/inventory/lead time, please contact us | |
|--|--|-----------------|
| For Reference Only | Website: https://www.heisener.com E-mail: salesdept@heisener.com | Request a Quote |

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TPS70251PWPRG4 Specifications

| Manufacturer Texas Instruments Manufacturer Texas Instruments Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Output Configuration Positive Dutput Configuration Positive Number of Regulators 2 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V, 1.8V Voltage - Output (Max) - Voltage - Output (Max) 0.28V @ 500mA, - Current - Output 500mA, 250mA Current - Output 500mA, 250mA Current - Quiescent (Iq) - Current - Quiescent (Iq) - Current - Supply (Max) 190µA ~ 230µA PSRR 60dB (1KHz), 50dB (1kHz) Control Features Enable, Power Good, Reset, Sequencing Protection Features Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount | | | | |
|--|------------------------------|--|--|--|
| CategoryIntegrated Circuits (ICs)PAIC - Voltage Regulators - LinearPackage20-TSSOP (0.173", 4.40mm Width) Exposed PadPackage-Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 1.8VVoltage - Output (Max)-Voltage - Output (Max)0.28V @ 500mA, -Voltage Dropout (Max)0.28V @ 500mA, -Current - Output500mA, 250mACurrent - Quiescent (Iq)-Suppler Dynout (Max)190µA ~ 230µAPSRR60dB (1KHz), 50dB (1kHz)Control Features0.0er Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP | Manufacturer Part Number | TPS70251PWPRG4 | | |
| PMC - Voltage Regulators - LinearPackage20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveDutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Max)-Voltage Dutput (Max)-Current - Output500mA, -Current - Output500mA, 250mACurrent - Quiescent (Iq)-Current - Supply (Max)190μA ~ 230μAPSRR60dB (1KHz), 50dB (1kHz)Control FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-HTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP | Manufacturer | Texas Instruments | | |
| Package20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveDutput ConfigurationFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 1.8VVoltage - Output (Max)-Voltage Output (Max)-Voltage Dropout (Max)0.28V @ 500mA, -Current - Output500mA, 250mACurrent - Output90µA ~ 230µAPSRR60dB (1KHz), 50dB (1kHz)Control FeaturesFaable, Power Good, Reset, SequencingProtection Features0.ver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP | Category | Integrated Circuits (ICs) | | |
| Series-Output ConfigurationPositiveDutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 1.8VVoltage - Output (Max)-Voltage - Output (Max)0.28V @ 500mA, -Voltage Dropout (Max)0.28V @ 500mA, -Current - Output500mA, 250mACurrent - Quiescent (Iq)-Current - Supply (Max)190µA ~ 230µAPSRR60dB (1KHz), 50dB (1kHz)Control FeaturesFooder Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating TemperatureSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP | | PMIC - Voltage Regulators - Linear | | |
| Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3V, 1.8VVoltage - Output (Max)-Voltage - Output (Max)0.28V @ 500mA, -Voltage Dropout (Max)0.28V @ 500mA, -Current - Output500mA, 250mACurrent - Quiescent (Iq)-Current - Supply (Max)190µA ~ 230µAPSRR60dB (1KHz), 50dB (1kHz)Control FeaturesFable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP | Package | 20-TSSOP (0.173", 4.40mm Width) Exposed Pad | | |
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| Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V, 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.28V @ 500mA, - Current - Output 500mA, 250mA Current - Quiescent (Iq) - Current - Supply (Max) 190μA ~ 230μA PSRR 60dB (1KHz), 50dB (1kHz) Control Features Enable, Power Good, Reset, Sequencing Protection Features Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-HTSSOP | Output Type | Fixed | | |
| Voltage - Output (Min/Fixed)3.3V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.28V @ 500mA, -Current - Output500mA, 250mACurrent - Quiescent (Iq)-Current - Supply (Max)190μA ~ 230μAPSRR60dB (1KHz), 50dB (1kHz)Control FeaturesEnable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP | Number of Regulators | 2 | | |
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| Current - Quiescent (Iq)-Current - Supply (Max)190μA ~ 230μAPSRR60dB (1KHz), 50dB (1kHz)Control FeaturesEnable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP | Voltage Dropout (Max) | 0.28V @ 500mA, - | | |
| Current - Supply (Max)190μA ~ 230μAPSRR60dB (1KHz), 50dB (1kHz)Control FeaturesEnable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP | Current - Output | 500mA, 250mA | | |
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| Control FeaturesEnable, Power Good, Reset, SequencingProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP | Current - Supply (Max) | 190µA ~ 230µA | | |
| Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP | PSRR | 60dB (1KHz), 50dB (1kHz) | | |
| Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP | Control Features | Enable, Power Good, Reset, Sequencing | | |
| Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP | Protection Features | Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO) | | |
| Package / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP | Operating Temperature | -40°C ~ 125°C | | |
| Supplier Device Package 20-HTSSOP | Mounting Type | Surface Mount | | |
| | Package / Case | 20-TSSOP (0.173", 4.40mm Width) Exposed Pad | | |
| Report errors? | Supplier Device Package | 20-HTSSOP | | |
| | | Report errors? | | |

TPS70251PWPRG4 Guarantees



Quality Guarantees

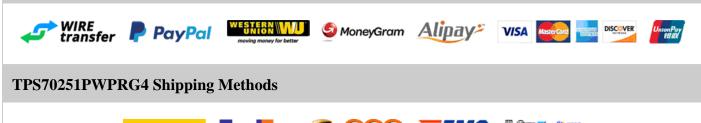
We provide 90 days warranty. * If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

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

TPS70251PWPRG4 Payment Methods





If you have any question about TPS70251PWPRG4, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com