



TPS76827QPWP Information



For Reference Only

Part Number TPS76827QPWP
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.7V 1A 20HTSSOP

Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

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.









TPS76827QPWP Specifications

Manufacturer Part Number TPS76827QPWP 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 Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 2.7V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 125μA PSRR 60dB (1kHz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 2.7V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 125µA PSRR 60dB (1kHz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Manufacturer Part Number	TPS76827QPWP
PMIC - Voltage Regulators - LinearPackage20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)2.7VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (1kHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Manufacturer	Texas Instruments
Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 2.7V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 125µA PSRR 60dB (1kHz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)2.7VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (1kHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)2.7VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)125µAPSRR60dB (1kHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Package	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
Output TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)2.7VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)125µAPSRR60dB (1kHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Series	-
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 125µA PSRR 60dB (1kHz) Control Features Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 2.7V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 125μA PSRR 60dB (1kHz) Control Features Features Over Current, Over Temperature, Reverse Polarity Operating Temperature Mounting Type 10V 10V 10V 10V 10V 10V 10V 10	Output Type	Fixed
Voltage - Output (Min/Fixed)2.7VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (1kHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (1kHz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Voltage - Input (Max)	10V
Voltage Dropout (Max) - Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 125 μ A PSRR 60dB (1kHz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Voltage - Output (Min/Fixed)	2.7V
Current - Output 1A Current - Quiescent (Iq) - Current - Supply (Max) 125 μ A PSRR 60dB (1kHz) Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Voltage - Output (Max)	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Voltage Dropout (Max)	-
Current - Supply (Max) $125\mu A$ $60dB (1kHz)$ $Control Features$ $Enable, Power Good$ $Protection Features$ $Over Current, Over Temperature, Reverse Polarity -40^{\circ}C \sim 125^{\circ}C Control Type Control Feature Surface Mount$	Current - Output	1A
PSRR $60 dB (1kHz)$ Control Features Enable, Power Good Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Quiescent (Iq)	-
Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Current - Supply (Max)	125μΑ
Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	PSRR	60dB (1kHz)
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	Control Features	Enable, Power Good
Mounting Type Surface Mount	Protection Features	Over Current, Over Temperature, Reverse Polarity
	Operating Temperature	-40°C ~ 125°C
Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad	Mounting Type	Surface Mount
	Package / Case	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
Supplier Device Package 20-HTSSOP	Supplier Device Package	20-HTSSOP
Report errors?		Report errors?

TPS76827QPWP 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.

TPS76827QPWP Payment Methods



















TPS76827QPWP Shipping Methods













If you have any question about TPS76827QPWP, please do not hesitate to contact us!

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