



### **TPS77601PWPG4 Information**



For Reference Only

Part Number TPS77601PWPG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR POS ADJ 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



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## **TPS77601PWPG4 Specifications**

Manufacturer       TPS77601PWPG4         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       Adjustable         Number of Regulators       1         Voltage - Input (Max)       10V         Voltage - Output (Min/Fixed)       1.2V         Voltage - Output (Max)       5.5V         Voltage Dropout (Max)       -         Current - Output       500mA         Current - Quiescent (Iq)       -         Current - Supply (Max)       125μA         PSRR       60dB (100Hz)         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           20-TSSOP (0.173", 4.40mm Width) Exposed Pad		
Integrated Circuits (ICs)	Manufacturer Part Number	TPS77601PWPG4
PMIC - Voltage Regulators - Linear	Manufacturer	Texas Instruments
Package20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)5.5VVoltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, Power GoodProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed Pad	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) 5.5V Voltage Dropout (Max) - Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 125µA PSRR 60dB (100Hz) 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		PMIC - Voltage Regulators - Linear
Output Configuration       Positive         Output Type       Adjustable         Number of Regulators       1         Voltage - Input (Max)       10V         Voltage - Output (Min/Fixed)       1.2V         Voltage - Output (Max)       5.5V         Voltage Dropout (Max)       -         Current - Output       500mA         Current - Quiescent (Iq)       -         Current - Supply (Max)       125μA         PSRR       60dB (100Hz)         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	Package	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
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Number of Regulators       1         Voltage - Input (Max)       10V         Voltage - Output (Min/Fixed)       1.2V         Voltage - Output (Max)       5.5V         Voltage Dropout (Max)       -         Current - Output       500mA         Current - Quiescent (Iq)       -         Current - Supply (Max)       125μA         PSRR       60dB (100Hz)         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	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  1.2V  Voltage - Output (Max)  5.5V  Voltage Dropout (Max)  - Current - Output  500mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  60dB (100Hz)  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	Output Type	Adjustable
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  5.5V  Voltage Dropout (Max)  - Current - Output  500mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  60dB (100Hz)  Control Features  Protection Features  Over Current, Over Temperature, Reverse Polarity  Operating Temperature  -40°C ~ 125°C  Mounting Type  Package / Case  1.2V  1.	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  - Current - Output  500mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  60dB (100Hz)  Control Features  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	Voltage - Input (Max)	10V
Voltage Dropout (Max)  Current - Output  500mA  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  60dB (100Hz)  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	Voltage - Output (Min/Fixed)	1.2V
$\begin{tabular}{lll} Current - Output & 500mA & & & & & & & & & & & & & & & & & & &$	Voltage - Output (Max)	5.5V
$\begin{array}{cccc} & & & & & & & & & & \\ & & & & & & & & $	Voltage Dropout (Max)	-
Current - Supply (Max) $125\mu A$ $PSRR \qquad \qquad 60 dB \ (100 Hz)$ $Control \ Features \qquad \qquad Enable, \ Power \ Good$ $Protection \ Features \qquad \qquad Over \ Current, \ Over \ Temperature, \ Reverse \ Polarity$ $Operating \ Temperature \qquad \qquad -40^{\circ}C \sim 125^{\circ}C$ $Mounting \ Type \qquad \qquad Surface \ Mount \\ Package \ / \ Case \qquad \qquad 20-TSSOP \ (0.173", \ 4.40mm \ Width) \ Exposed \ Pad$	Current - Output	500mA
PSRR 60dB (100Hz)  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	Current - Quiescent (Iq)	-
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	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 Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad	PSRR	60dB (100Hz)
Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad	Control Features	Enable, Power Good
Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad	Protection Features	Over Current, Over Temperature, Reverse Polarity
Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Supplier Davice Peakers 20 HTSSOD	Package / Case	20-TSSOP (0.173", 4.40mm Width) Exposed Pad
Supplied Device Fackage 20-fileSOP	Supplier Device Package	20-HTSSOP
Report errors'		Report errors?

#### **TPS77601PWPG4 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.

# **TPS77601PWPG4 Payment Methods**



















## **TPS77601PWPG4 Shipping Methods**













If you have any question about TPS77601PWPG4, please do not hesitate to contact us!

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