

TPS77518MPWPREP

TPS77518MPWPREP Information

Hittititi Martinititi Martinitititi Martinitititi Martinitititi	 TPS77518MPWPREP Texas Instruments Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LIN 1.8V 500MA 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

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.



TPS77518MPWPREP Specifications

Manufacturer Texas Instruments Manufacturer Texas Instruments Manufacturer Integrated Circuits (ICs) Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad 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) 1.8V Voltage - Output (Max) - Voltage Dopout (Max) - Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 125µA PSRR 60dB (100Hz) Control Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad			
Category Integrated Circuits (ICs) Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad 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) 1.8V Voltage - Output (Max) - Voltage Dopout (Max) - Current - Output 500mA Current - Output 500mA Current - Supply (Max) 125µA PSRR 60dB (100Hz) Control Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 55°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-TSSOP (0.173", 4.40mm Width) Exposed Pad	Manufacturer Part Number	TPS77518MPWPREP	
PMIC - Voltage Regulators - LinearPackage20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Min/Fixed)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125µAPSRR60dB (100Hz)Control FeaturesSover Current, Over Temperature, Reverse PolarityProtection FeaturesOver Current, Over Temperature, Reverse PolarityPortection FeaturesSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Manufacturer	Texas Instruments	
Package20-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125µAPSRR60dB (100Hz)Control FeaturesFaable, ResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Category	Integrated Circuits (ICs)	
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesFinable, ResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature55°C ~ 125°CMounting TypeSurface MountPackage / Case20-HTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125µAPSRR60dB (100Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature55°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	
Output TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Voltage Dropout (Max)500mACurrent - Output500mACurrent - Quiescent (Iq)-PSRR60dB (100Hz)Control FeaturesNove Current, Over Temperature, Reverse PolarityOperating Temperature55°C ~ 125°CMounting TypeSurface MountPackage / Case0.4TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Series	-	
Number of Regulators1Number of Regulators10VVoltage - Input (Max)1.8VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125µAPSRR60dB (100Hz)Control FeaturesEnable, ResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-TTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Output Configuration	Positive	
Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 125µA PSRR 60dB (100Hz) Control Features Dver Current, Over Temperature, Reverse Polarity Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Package / Case 20-TTSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 20-HTSSOP	Output Type	Fixed	
Voltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, ResetProtection Features-Operating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Number of Regulators	1	
Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, ResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature55°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Voltage - Input (Max)	10V	
Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, ResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-TTSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Voltage - Output (Min/Fixed)	1.8V	
Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, ResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Voltage - Output (Max)	-	
Current - Quiescent (Iq)-Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, ResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Voltage Dropout (Max)	-	
Current - Supply (Max)125μAPSRR60dB (100Hz)Control FeaturesEnable, ResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Current - Output	500mA	
PSRR60dB (100Hz)Control FeaturesEnable, ResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Current - Quiescent (Iq)	-	
Control FeaturesEnable, ResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Current - Supply (Max)	125µA	
Protection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	PSRR	60dB (100Hz)	
Operating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Control Features	Enable, Reset	
Mounting TypeSurface MountPackage / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Protection Features	Over Current, Over Temperature, Reverse Polarity	
Package / Case20-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package20-HTSSOP	Operating Temperature	-55°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?

TPS77518MPWPREP 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.

TPS77518MPWPREP Payment Methods



If you have any question about TPS77518MPWPREP, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com