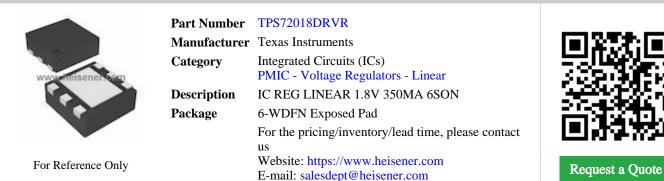


# **TPS72018DRVR**

#### **TPS72018DRVR 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.



## **TPS72018DRVR Specifications**

Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRRSodB < 50dB (10Hz ~ 1MHz)Potection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSufface MountPackage / Case6-WDFN Exposed Pad			
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage6-WDFN Exposed PadSeries-Output ConfigurationPositoeOutput TypeFixedNumber of Regulators1Voltage - Input (Max)1.8VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Min/Fixed)0.2V @ 350mAVoltage Dropout (Max)0.2V @ 350mACurrent - Output30mACurrent - Quiescent (Iq)6.PSRR80µAPSRRSolB > 50B (10Hz ~ 10Hz)Curton FeaturesOver Current, Quiescent (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting Type6.WDFN Exposed PadPackage / Case6.WDFN Exposed Pad	Manufacturer Part Number	TPS72018DRVR	
PMIC - Voltage Regulators - LinearPackage6-WDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)0.2V@ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Voltage - Staff & Staff	Manufacturer	Texas Instruments	
Package6-WDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)0.2V @ 350mACurrent - Output350mACurrent - Supply (Max)8/µAPSRR85dB ~ 50dB (10Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature4.0°C ~ 125°C (TA)Mounting Type6.4VDFN Exposed Pad	Category	Integrated Circuits (ICs)	
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRRSodB < 50dB (10Hz ~ 1MHz)		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-StBR80µAPostel FeaturesSobel (10Hz ~ 10Hz)Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°C (TA)Package / Case6-WDFN Exposed Pad	Package	6-WDFN Exposed Pad	
Output TypeFixedOutput TypeFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRRSold > 50dB (10Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°C (TA)Mounting Type6-WDFN Exposed Pad	Series	-	
Number of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRR56B ~ 50dB (10Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting Type6-WDFN Exposed Pad	Output Configuration	Positive	
Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRR85dB ~ 50dB (10Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed Pad	Output Type	Fixed	
Voltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR85dB ~ 50dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed Pad	Number of Regulators	1	
Voltage - Output (Max)-Voltage Dropout (Max)0.2V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR85dB ~ 50dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed Pad	Voltage - Input (Max)	4.5V	
Voltage Dropout (Max)0.2V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR85dB ~ 50dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed Pad	Voltage - Output (Min/Fixed)	1.8V	
Current - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR85dB ~ 50dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed Pad	Voltage - Output (Max)	-	
Current - Quiescent (Iq)-Current - Supply (Max)80μAPSRR85dB ~ 50dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed Pad	Voltage Dropout (Max)	0.2V @ 350mA	
Current - Supply (Max)80μAPSRR85dB ~ 50dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed Pad	Current - Output	350mA	
PSRR85dB ~ 50dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed Pad	Current - Quiescent (Iq)	-	
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed Pad	Current - Supply (Max)	80µA	
Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed Pad	PSRR	85dB ~ 50dB (10Hz ~ 1MHz)	
Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed Pad	Control Features	Enable	
Mounting Type Surface Mount   Package / Case 6-WDFN Exposed Pad	Protection Features	Over Current, Over Temperature, Under Voltage Lockout (UVLO)	
Package / Case 6-WDFN Exposed Pad	Operating Temperature	-40°C ~ 125°C (TA)	
	Mounting Type	Surface Mount	
	Package / Case	6-WDFN Exposed Pad	
Supplier Device Package 6-SON (2x2)	Supplier Device Package	6-SON (2x2)	
Report errors?			Report errors?

#### **TPS72018DRVR 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 UARANTEE

#### **Service Guarantees**

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

#### **TPS72018DRVR Payment Methods**





If you have any question about TPS72018DRVR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com