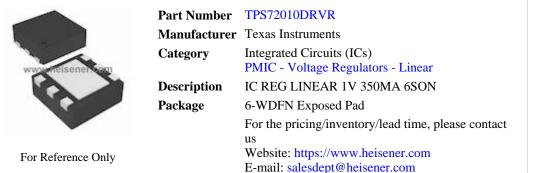


# **TPS72010DRVR**

# **TPS72010DRVR Information**





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## **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.



# **TPS72010DRVR Specifications**

Anument     Texas Instruments       Category     Integrated Circuits (ICs)       PMIC - Voltage Regulators - Linear       Package     6-WDFN Exposed Pad       Series     -       Dutput Configuration     Positive       Dutput Configuration     Fixed       Voltage - Input (Max)     1       Voltage - Output (Max)     4.5V       Voltage - Output (Max)     -       Voltage Dropout (Max)     -       Current - Output     350mA       Current - Quiescent (Iq)     -       Current - Supply (Max)     80µA       SSR     Solds - 50dB (10Hz ~ 1MHz)       Control Features     Solds - 50dB (10Hz ~ 1MHz)       Protection Features     Over Current, Over Temperature, Under Voltage Lockout (UVLO)       Operating Temperature     Surface Mount			
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage6-WDFN Exposed PadPackage-Output ConfigurationPositiveDutput ConfigurationFixedOutput Type1Voltage - Input (Max)4.5VVoltage - Output (Max).Voltage - Output (Max).Voltage - Output (Max)0.2V @ 350mACurrent - Output350mACurrent - Output80µASerReSodB (10Hz ~ 1MHz)Portection FeaturesNove Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°C (TA)Portection Features6-WDFN Exposed PadPackage / Case6-SON (2x2)	Manufacturer Part Number	TPS72010DRVR	
PMIC - Voltage Regulators - LinearPackage6-WDFN Exposed PadSeries-Dutput ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Max)-Voltage - Output (Max)0.2V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRR85dB ~ 50dB (10Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature6-WDFN Exposed PadPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (22)	Manufacturer	Texas Instruments	
Package6-WDFN Exposed PadSeries-Dutput ConfigurationPositiveDutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)IVVoltage - Output (Max)-Voltage - Output (Max)0.2V @ 350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRR85dB ~ 50dB (10Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Protection Features0ver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature440°C ~ 125°C (TA)Package / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Category	Integrated Circuits (ICs)	
Series-Output ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1VVoltage - Output (Max)0.2V @ 350mAVoltage Dropout (Max)350mACurrent - Output350mACurrent - Output (Max)6.0Current - Output (Max)6.0Current - Output350mACurrent - Output80µAPoster of Fastures630B (10Hz ~ 10Hz)Porter of Fastures6.0Porter of Fastures0ver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature6.0Porter Other of Fastures0ver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature6.0Porter Other of Suffer		PMIC - Voltage Regulators - Linear	
Dutput ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)IVVoltage - Output (Max)-Voltage - Output (Max)0.2V @ 350mACurrent - Output350mACurrent - Output350mACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRRSodB < 50dB (10Hz ~ 1MHz)	Package	6-WDFN Exposed Pad	
Durput TypeFixedDurput TypeFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)IVVoltage - Output (Max)-Voltage - Output (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 Temperature440°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-SON (2x2)	Series	-	
Number of Regulators1Number of Regulators4.5VVoltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1VVoltage - 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-SON (2x2)	Output Configuration	Positive	
Voltage - Input (Max)     4.5V       Voltage - Output (Min/Fixed)     1V       Voltage - Output (Max)     -       Voltage Dropout (Max)     0.2V @ 350mA       Current - Output     350mA       Current - Quiescent (Iq)     -       Current - Supply (Max)     80μA       PSRR     85dB ~ 50dB (10Hz ~ 1MHz)       Control Features     Over Current, Over Temperature, Under Voltage Lockout (UVLO)       Operating Temperature     4.0°C ~ 125°C (TA)       Mounting Type     Surface Mount       Package / Case     6-WDFN Exposed Pad       Surplier Device Package     6-SON (2x2)	Output Type	Fixed	
Voltage - Output (Min/Fixed)IVVoltage - 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 PadSupplier Device Package6-SON (2x2)	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 PadSupplier Device Package6-SON (2x2)	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 PadSupplier Device Package6-SON (2x2)	Voltage - Output (Min/Fixed)	1V	
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 PadSupplier Device Package6-SON (2x2)	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 PadSupplier Device Package6-SON (2x2)	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 PadSupplier Device Package6-SON (2x2)	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 PadSupplier Device Package6-SON (2x2)	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 PadSupplier Device Package6-SON (2x2)	Current - Supply (Max)	80μΑ	
Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	PSRR	85dB ~ 50dB (10Hz ~ 1MHz)	
Operating Temperature-40°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Control Features	Enable	
Mounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Protection Features	Over Current, Over Temperature, Under Voltage Lockout (UVLO)	
Package / Case 6-WDFN Exposed Pad   Supplier Device Package 6-SON (2x2)	Operating Temperature	-40°C ~ 125°C (TA)	
Supplier Device Package6-SON (2x2)	Mounting Type	Surface Mount	
	Package / Case	6-WDFN Exposed Pad	
Report errors?	Supplier Device Package	6-SON (2x2)	
			Report errors?

#### **TPS72010DRVR 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.

### **TPS72010DRVR Payment Methods**





If you have any question about TPS72010DRVR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com