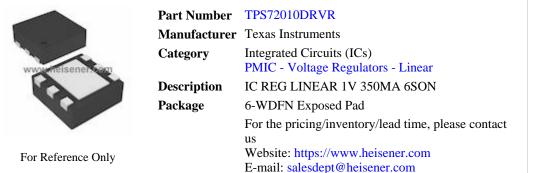


TPS72010DRVR

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