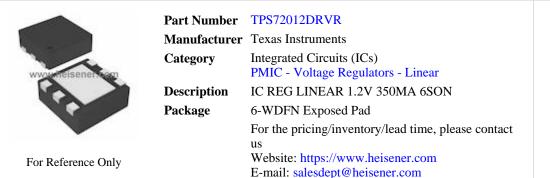


TPS72012DRVR

TPS72012DRVR 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.



TPS72012DRVR Specifications

Manufacturer Texas Instruments Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 6-WDFN Exposed Pad Package 1 Dutput Configuration Positive Dutput Configuration Fixed Voltage - Input (Max) 1 Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage - Output (Max) - Voltage - Output (Max) 0.2V @ 350mA Current - Output 350mA Current - Quiescent (Iq) - Current - Supply (Max) 80µA PSRR SodB > 50dB (10Hz ~ 1MHz) Control Features Dever Current, Over Temperature, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C (TA) Mounting Type Surface Mount Package / Case 6-WDFN Exposed Pad Surplier Device Package 6-WDFN Exposed Pad			
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage6-WDFN Exposed PadPackage-Output ConfigurationPositiveDutput ConfigurationFixedOutput Type1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage - Output (Max)0.2V @ 350mACurrent - Output350mACurrent - Output80µAPaster85dB > 50dB (10Hz ~ 1MHz)Current - Supply (Max)Nove Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°C (TA)PosterSurface MountPackage / Case6-SON (2x2)	Manufacturer Part Number	TPS72012DRVR	
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)Operating Temperature-40°C ~ 125°C (TA)Supplier Device Package6-SON (22)	Manufacturer	Texas Instruments	
Package6-WDFN Exposed PadSeries-Dutput ConfigurationPositiveDutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.2VVoltage - 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-Dutput ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage - Output (Max)0.2V @ 350mACurrent - Output350mACurrent - Output80µAPSRR85dB ~ 50dB (10Hz ~ 1MHz)Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Protection Features-Operating Temperature-Package / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)		PMIC - Voltage Regulators - Linear	
Dutput ConfigurationPositiveDutput TypeFixedNumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage - Output (Max)0.2V @ 350mACurrent - Output350mACurrent - Output350mACurrent - Supply (Max)80µAPSRR85dB ~ 50dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating TemperatureSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Package	6-WDFN Exposed Pad	
Dutput TypeFixedSumber of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.2VVoltage - 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 Temperature440°C ~ 125°C (TA)Mounting TypeSurface MountPackage / Case6-SON (2x2)	Series	-	
Number of Regulators1Voltage - Input (Max)4.5VVoltage - Output (Min/Fixed)1.2VVoltage - 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)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) 1.2V 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 Dover 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)1.2VVoltage - 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)	1.2V	
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?

TPS72012DRVR 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.

TPS72012DRVR Payment Methods





If you have any question about TPS72012DRVR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com