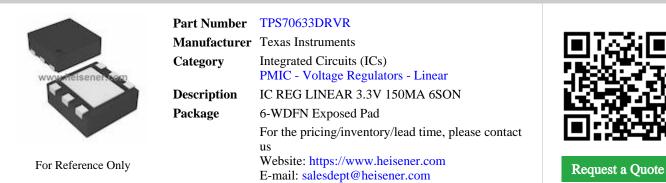


TPS70633DRVR

TPS70633DRVR 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.



TPS70633DRVR Specifications

AnnulationTexas InstrumentsManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage6-WDFN Exposed PadSeries-Output ConfigurationPositiveDutput ConfigurationPositiveNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)1.54V @ 150mACurrent - Output150mACurrent - Output2.55µA ~ 350µAPSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesEnableProtection Features-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WDFN Exposed Pad		
CategoryIntegrated Circuits (ICs)PACkagePMIC - Voltage Regulators - LinearPackage6-WDFN Exposed PadSeries-Output ConfigurationPositiveOutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max).Surger - Output (Max)1.54V @ 150mACurrent - Output1.54V @ 150mACurrent - Output1.50mACurrent - Supply (Max)2.55µA ~ 350µAPSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesGover Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-SON (2x2)	Manufacturer Part Number	TPS70633DRVR
PMC - Voltage Regulators - LinearPackage6-WDFN Exposed PadSeries-Output ConfigurationPositiveDutput ConfigurationPositiveNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Max)-Voltage Dropout (Max)-1.54V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)2.55μA ~ 350μAPSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package6-SON (2x2)	Manufacturer	Texas Instruments
Package6-WDFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)1.54V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)2.55μA ~ 350μAPSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case6-SON (2x2)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Output (Max)1.54V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)2.55µA ~ 350µAPSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesFeableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case6-SON (2x2)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)1.54V @ 150mAVoltage Dropout (Max)1.54V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)2.55µA ~ 350µAPSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature440°C ~ 125°CMounting TypeG-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Package	6-WDFN Exposed Pad
Output TypeFixedNumber of Regulators1Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)1.54V @ 150mAVoltage Dropout (Max)1.54V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Stype A 250µA350µAPSRR80B ~ 52dB (10Hz ~ 1kHz)Portection FeaturesGover Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Type40°C ~ 125°CMounting Type6.40DFN Exposed PadPackage / Case6.40DFN Exposed PadSupplier Device Package6.50N (2x2)	Series	-
Number of Regulators 1 Voltage - Input (Max) 6.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 1.54V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 2.55μA ~ 350μA PSRR 80dB ~ 52dB (10Hz ~ 1kHz) Control Features Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO) Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-SON (2x2)	Output Configuration	Positive
Voltage - Input (Max)6.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)1.54V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)2.55µA ~ 350µAPSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-SON (2x2)	Output Type	Fixed
Voltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)1.54V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)2.55µA ~ 350µAPSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)1.54V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)2.55μA ~ 350μAPSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Voltage - Input (Max)	6.5V
Voltage Dropout (Max)1.54V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)2.55µA ~ 350µAPSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Voltage - Output (Min/Fixed)	3.3V
Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)2.55μA ~ 350μAPSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)2.55µA ~ 350µAPSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Voltage Dropout (Max)	1.54V @ 150mA
Current - Supply (Max)2.55µA ~ 350µAPSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Current - Output	150mA
PSRR80dB ~ 52dB (10Hz ~ 1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Current - Quiescent (Iq)	-
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	Current - Supply (Max)	2.55µA ~ 350µA
Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WDFN Exposed PadSupplier Device Package6-SON (2x2)	PSRR	80dB ~ 52dB (10Hz ~ 1kHz)
Operating Temperature-40°C ~ 125°CMounting 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, Reverse Polarity, Under Voltage Lockout (UVLO)
Package / Case 6-WDFN Exposed Pad Supplier Device Package 6-SON (2x2)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 6-SON (2x2)	Mounting Type	Surface Mount
	Package / Case	6-WDFN Exposed Pad
Report errors?	Supplier Device Package	6-SON (2x2)
		Report errors?

TPS70633DRVR 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.

TPS70633DRVR Payment Methods





If you have any question about TPS70633DRVR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com