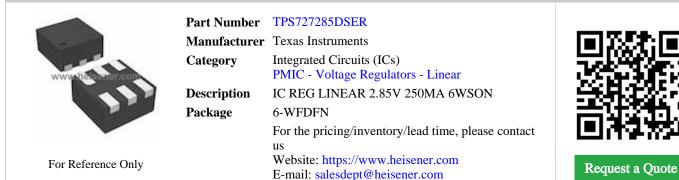


# TPS727285DSER

#### **TPS727285DSER 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.



## **TPS727285DSER Specifications**

ManufacturerTexas InstrumentsAndufacturerIntegrated Circuits (ICs)PMC - Voltage Regulators - LinearPackage6-WFDFNSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.85VVoltage Output (Max)0.2V @ 200mACurrent - Output5.0mACurrent - Output10µA ~ 130µAPSRRStabe 45dB (10Hz ~ 1MHz)Control FeaturesModel - 140°C ~ 125°CMounting Type6.4WFDFNPackage / Case6.4WFDFNPackage / Case6.4WFDFNPackage / Case6.4WFDFNControl Features6.4WFDFNControl FeaturesMounting TypePackage / Case6.4WFDFNPackage / Case6.4WFDFN			
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage6-WFDFNSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.85VVoltage - Output (Max)-Voltage Output (Max)0.2V @ 200mACurrent - Output10µA ~ 130µACurrent - Quiescent (Iq)10µA ~ 130µAPSRRSable 45dB (10Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature4.4°C ~ 125°CMounting TypeSufface MountPackage / Case6.WFDFNSupplier Device Package6.WSON (1.5x1.5)	Manufacturer Part Number	TPS727285DSER	
PMC - Voltage Regulators - LinearPackage6-WFDFNSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.85VVoltage - Output (Max)-Voltage - Output (Max)0.2V @ 200mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)110μA ~ 130μAPSRR85dB ~ 45dB (10Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountSupplier Device Package6-WSON (1.5x1.5)	Manufacturer	Texas Instruments	
Package6-WFDFNSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.85VVoltage - Output (Max)-Voltage - Output (Max)0.2V @ 200mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)110µA ~ 130µAPSRR85dB ~ 45dB (10Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Category	Integrated Circuits (ICs)	
Series -   Output Configuration Positive   Output Type Fixed   Number of Regulators 1   Voltage - Input (Max) 5.5V   Voltage - Output (Min/Fixed) 2.85V   Voltage - Output (Max) -   Voltage - Output (Max) 0.2V @ 200mA   Current - Output 250mA   Current - Output 250mA   Current - Quiescent (Iq) -   Current - Supply (Max) 110µA ~ 130µA   PSRR 85dB ~ 45dB (10Hz ~ 1MHz)   Control Features Over Current, Over Temperature, Under Voltage Lockout (UVLO)   Operating Temperature - 40°C ~ 125°C   Mounting Type Surface Mount   Package / Case 6-WFDFN   Surplier Device Package 6-WSON (1.5x1.5)		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.85VVoltage - Output (Max)-Voltage - Output (Max)0.2V @ 200mAVoltage Dropout (Max)0.2V @ 200mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)110µA ~ 130µAPSRR85dB ~ 45dB (10Hz ~ 1MHz)Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature4.0°C ~ 125°CMounting TypeSurface MountPackage / Case6.WEDFNSupplier Device Package6.WSON (1.5x1.5)	Package	6-WFDFN	
Process Fixed   Sumber of Regulators 1   Voltage - Input (Max) 5.5V   Voltage - Output (Min/Fixed) 2.85V   Voltage - Output (Max) -   Voltage Dropout (Max) 0.2V @ 200mA   Current - Output 250mA   Current - Quiescent (Iq) -   Current - Supply (Max) 110μA ~ 130μA   PSRR 85dB ~ 45dB (10Hz ~ 1MHz)   Control Features Over Current, Over Temperature, Under Voltage Lockout (UVLO)   Operating Temperature -40°C ~ 125°C   Mounting Type Surface Mount   Package / Case 6-WSDFN   Supplier Device Package 6-WSON (1.5x1.5)	Series	-	
Number of Regulators1Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.85VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 200mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)110µA ~ 130µAPSRR85dB ~ 45dB (10Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Output Configuration	Positive	
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.85VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 200mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)110µA ~ 130µAPSRR85dB ~ 45dB (10Hz ~ 1MHz)Control FeaturesDover Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Output Type	Fixed	
Voltage - Output (Min/Fixed)2.85VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 200mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)110µA ~ 130µAPSRR85dB ~ 45dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Number of Regulators	1	
Voltage - Output (Max)-Voltage Dropout (Max)0.2V @ 200mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)110μA ~ 130μAPSRR85dB ~ 45dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Voltage - Input (Max)	5.5V	
Voltage Dropout (Max)0.2V @ 200mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)110μA ~ 130μAPSRR85dB ~ 45dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Voltage - Output (Min/Fixed)	2.85V	
Current - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)110μA ~ 130μAPSRR85dB ~ 45dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Voltage - Output (Max)	-	
Current - Quiescent (Iq)-Current - Supply (Max)110μA ~ 130μAPSRR85dB ~ 45dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Voltage Dropout (Max)	0.2V @ 200mA	
Current - Supply (Max)110μA ~ 130μAPSRR85dB ~ 45dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Current - Output	250mA	
PSRR85dB ~ 45dB (10Hz ~ 1MHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Current - Quiescent (Iq)	-	
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Current - Supply (Max)	110μΑ ~ 130μΑ	
Protection FeaturesOver Current, Over Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	PSRR	85dB ~ 45dB (10Hz ~ 1MHz)	
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Control Features	Enable	
Mounting TypeSurface MountPackage / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Protection Features	Over Current, Over Temperature, Under Voltage Lockout (UVLO)	
Package / Case6-WFDFNSupplier Device Package6-WSON (1.5x1.5)	Operating Temperature	$-40^{\circ}C \sim 125^{\circ}C$	
Supplier Device Package6-WSON (1.5x1.5)	Mounting Type	Surface Mount	
	Package / Case	6-WFDFN	
Report errors?	Supplier Device Package	6-WSON (1.5x1.5)	
			Report errors?

#### **TPS727285DSER 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 EUARANTEE

#### **Service Guarantees**

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

#### **TPS727285DSER** Payment Methods



# TPS727285DSEK Sinpping Methods



If you have any question about TPS727285DSER, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com