

TPS78633KTTRE3

TPS78633KTTRE3 Information



For Reference Only

Part Number	TPS78633KTTRE3
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear
Description	IC REG LINEAR 3.3V 1.5A DDPAK
Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com



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TPS78633KTTRE3 Specifications

Manufacturer Texas Instruments Manufacturer Texas Instruments Lategory Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage - Output (Max) - Voltage - Output (Max) - Voltage - Output (Max) .5.5V Voltage Dropout (Max) 0.51V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Current - Supply (Max) 385µA PSRR 59dB ~ 32dB (100Hz ~ 100KHz) Control Features Sover Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO) Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case DOPAK/TO-263-5		
CategoryIntegrated Circuits (ICs)PAtCagePMIC - Voltage Regulators - LinearPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)0.51V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Series59d B ~ 32dB (100Hz ~ 100kHz)Control FeaturesSover Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-Protection FeaturesSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Manufacturer Part Number	TPS78633KTTRE3
PMIC - Voltage Regulators - LinearPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)0.51V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)385μAPSRR59dB ~ 32dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Manufacturer	Texas Instruments
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Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.51V @ 1.5A Current - Output 1.5A Current - Quiescent (Iq) - Voltage Name S9B ~ 32dB (100Hz ~ 100kHz) PSRR 59dB ~ 32dB (100Hz ~ 100kHz) Control Features Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Series	-
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Voltage - Output (Max)-Voltage Dropout (Max)0.51V @ 1.5ACurrent - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)385μAPSRR59dB ~ 32dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Voltage - Input (Max)	5.5V
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Current - Output1.5ACurrent - Quiescent (Iq)-Current - Supply (Max)385μAPSRR59dB ~ 32dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Voltage - Output (Max)	-
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Current - Supply (Max)385μAPSRR59dB ~ 32dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Current - Output	1.5A
PSRR59dB ~ 32dB (100Hz ~ 100kHz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Current - Quiescent (Iq)	-
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Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	PSRR	59dB ~ 32dB (100Hz ~ 100kHz)
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Control Features	Enable
Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Protection Features	Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)
Package / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Operating Temperature	-40° C ~ 125° C
Supplier Device PackageDDPAK/TO-263-5	Mounting Type	Surface Mount
	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Report errors?	Supplier Device Package	DDPAK/TO-263-5
		Report errors?

TPS78633KTTRE3 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 BUARANTEE

Service Guarantees

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

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If you have any question about TPS78633KTTRE3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com