

## TPS75633KTTTG3

#### **TPS75633KTTTG3 Information**



Part Number	TPS75633KTTTG3
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear
Description	IC REG LIN 3.3V 5A DDPAK/TO263-5
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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## For Reference Only

### **Certified Quality**

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### **TPS75633KTTTG3 Specifications**

Manufacturer Part Number TPS75633KTTTG3   Manufacturer Texas Instruments   Category Integrated Circuits (ICs)   PMIC - Voltage Regulators - Linear PMIC - Voltage Regulators - Linear   Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA   Series -   Output Configuration Positive   Output Onfiguration Fixed   Number of Regulators I   Voltage - Input (Max) 5.5V   Voltage - Output (MinFrixed) 5.5V   Voltage - Output (Max) -   Voltage - Output (Max) -   Voltage - Output (Max) 0.5V © 5A		
CategoryIntegrated Circuits (ICs)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 (Min/Fixed)5.5VVoltage Duptu (Max)-Voltage Duptu (Max)0.5V @ 5ACurrent - Output5.4Current - Output5.4Current - Output20uµAPSRROdB (100Hz)Portection FeaturesMed (20uPC)Operating Temperature0.40°C ~ 125°CMounting Type5.4Gacu Attab., TO-263BASupplier Device PackageDDPAK/TO-263-5	Manufacturer Part Number	TPS75633KTTTG3
Hundle Pour Pour Pour SeriesPMIC - 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 (Min/Fixed).Voltage - Output (Max)-Voltage - Output (Max).Voltage - Output (Max).Voltage - Output (Max).Voltage Dropout (Max).Voltage Dropout (Max).SA.Current - Output.SA.Current - Quiescent (q).PSRR60dB (100Hz)Control Features.Portection Features.Portection Features.Mounting Type.Surface Mount.Portace, Case.Surpler Device Package.DipArk/To-263-5	Manufacturer	Texas Instruments
PackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)-Voltage - Output (Max)-Voltage Doutput (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Voltage Doutput (Max)-	Category	Integrated Circuits (ICs)
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Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 5ACurrent - Output5.4Current - Output-Current - Quiescent (Iq)-PSRR60dB (100Hz)Protection Features0.ver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting Type50-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
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Voltage - Input (Max) 5.5V   Voltage - Output (Min/Fixed) 3.3V   Voltage - Output (Max) -   Voltage Dropout (Max) 0.5V @ 5A   Current - Output 5A   Current - Quiescent (Iq) -   Current - Supply (Max) 200µA   PSRR 60dB (100Hz)   Control Features Enable   Protection 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	Output Type	Fixed
Voltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)200µAPSRR60dB (100Hz)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	Number of Regulators	1
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Current - Supply (Max)200μAPSRR60dB (100Hz)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	5A
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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	60dB (100Hz)
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	$-40^{\circ}$ C ~ $125^{\circ}$ C
Supplier Device Package DDPAK/TO-263-5	Mounting Type	Surface Mount
	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Penort errors?	Supplier Device Package	DDPAK/TO-263-5
Report errors:		Report errors?

#### **TPS75633KTTTG3 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.

#### **TPS75633KTTTG3 Payment Methods**





If you have any question about TPS75633KTTTG3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com