

TPS75718KTTRG3

TPS75718KTTRG3 Information



Part Number	TPS75718KTTRG3
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear
Description	IC REG LIN 1.8V 3A 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



Request a Quote

For Reference Only

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.



TPS75718KTTRG3 Specifications

Manufacturer Texas Instruments Manufacturer Texas Instruments Category 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 (Max) 5.5V Voltage - Output (Max) - Voltage - Output (Max) - Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 200µA PSRR 62dB (100Hz) Control Features Douer Good 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 D		
CategoryIntegrated Circuits (ICs)PAIC - Voltage Regulators - LinearPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BAStries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)5.5VVoltage - Output (Max)-Voltage - Output (Max)-Output - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Output - Output (Max)-Voltage - Output (Max)-Output - Output-Output - Supply (Max)-Output - Supply (Max)- <trt< td=""><td>Manufacturer Part Number</td><td>TPS75718KTTRG3</td></trt<>	Manufacturer Part Number	TPS75718KTTRG3
PMIC - Voltage Regulators - LinearPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)-Current - Output3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)200µAPSRR62dB (100Hz)Control FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-5Supplier Device PackageDDPAK/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)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output3ACurrent - Output200µAPSRR62dB (100Hz)Control FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-Au°c ~ 125°CMounting TypeMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageDDPAK/TO-263-5	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output3ACurrent - Output200µAPSRR62dB (100Hz)Control FeaturesDover Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseDDPAK/TO-263-5		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output3ACurrent - Output200µAPSRR62dB (100Hz)Control 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	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Voltage Dropout (Max)-Outrent - Output3ACurrent - Output3ACurrent - Quiescent (Iq)-PSRR6204(DOHZ)Control Features6204(DOHZ)Portection FeaturesOver Current over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating TypeSuface MountPortace, CaseGurdes (Sace Jace Jace Jace Jace Jace Jace Jace J	Series	-
Number of Regulators1Number of Regulators1.8VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)200µAPSRR62dB (100Hz)Control FeaturesDover Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseDDPAK/TO-263-5	Output Configuration	Positive
Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) - Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) 200µA PSRR 62dB (100Hz) Control Features Enable, Power Good 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)1.8VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)200μAPSRR62dB (100Hz)Control FeaturesEnable, Power GoodProtection 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
Voltage - Output (Max)-Voltage Dropout (Max)-Current - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)200μAPSRR62dB (100Hz)Control FeaturesEnable, Power GoodProtection 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
Voltage Dropout (Max)-Current - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)200μAPSRR62dB (100Hz)Control FeaturesEnable, Power GoodProtection 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 (Min/Fixed)	1.8V
Current - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)200µAPSRR62dB (100Hz)Control FeaturesEnable, Power GoodProtection 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)	-
Current - Quiescent (Iq)-Current - Supply (Max)200μAPSRR62dB (100Hz)Control FeaturesEnable, Power GoodProtection 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 Dropout (Max)	-
Current - Supply (Max)200μAPSRR62dB (100Hz)Control FeaturesEnable, Power GoodProtection 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	3A
PSRR62dB (100Hz)Control FeaturesEnable, Power GoodProtection 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)	-
Control FeaturesEnable, Power GoodProtection 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 - Supply (Max)	200µA
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	62dB (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, Power Good
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 Package DDPAK/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?

TPS75718KTTRG3 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 Guarantees

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

TPS75718KTTRG3 Payment Methods



If you have any question about TPS75718KTTRG3, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com