



### **UC282TDKTTT-1 Information**



For Reference Only

Part Number UC282TDKTTT-1
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LIN 1.5V 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



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### **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.









# **UC282TDKTTT-1 Specifications**

Manufacturer Part Number         UC282TDKTTT-1           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)         7.5V           Voltage - Output (Min/Fixed)         1.5V           Voltage - Output (Max)         2.2V @ 3A           Current - Output         3A           Current - Output         3A           Current - Quiescent (Iq)         -           Current - Supply (Max)         -           PSRR         -           Control Features         -           Protection Features         Over Temperature, Reverse Polarity, Short Circuit           Operating Temperature         -40°C ~ 100°C           Mounting Type         Surface Mount           Package / Case         TO-263-6, D2Pak (5 Leads + Tab), TO-263BA           Supplier Device Package         DDPAK/TO-263-5		
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)         7.5V           Voltage - Output (Min/Fixed)         1.5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         2.2V @ 3A           Current - Output         3A           Current - Quiescent (Iq)         -           Current - Supply (Max)         -           PSRR         -           Control Features         -           Protection Features         Over Temperature, Reverse Polarity, Short Circuit           Operating Temperature         -40°C ~ 100°C           Mounting Type         Surface Mount           Package / Case         TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Manufacturer Part Number	UC282TDKTTT-1
Package         TO-263-6, D2Pak (5 Leads + Tab), TO-263BA           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         7.5V           Voltage - Output (Min/Fixed)         1.5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         2.2V @ 3A           Current - Output         3A           Current - Quiescent (Iq)         -           Current - Supply (Max)         -           PSRR         -           Control Features         -           Protection Features         Over Temperature, Reverse Polarity, Short Circuit           Operating Temperature         -40°C ~ 100°C           Mounting Type         Surface Mount           Package / Case         TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Manufacturer	Texas Instruments
Package         TO-263-6, D2Pak (5 Leads + Tab), TO-263BA           Series         -           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         7.5V           Voltage - Output (Min/Fixed)         1.5V           Voltage - Output (Max)         -           Voltage Dropout (Max)         2.2V @ 3A           Current - Output         3A           Current - Quiescent (Iq)         -           Current - Supply (Max)         -           PSRR         -           Control Features         Over Temperature, Reverse Polarity, Short Circuit           Operating Temperature         -40°C ~ 100°C           Mounting Type         Surface Mount           Package / Case         TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)7.5VVoltage - Output (Min/Fixed)1.5VVoltage - Output (Max)-Voltage Dropout (Max)2.2V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 100°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BA		PMIC - Voltage Regulators - Linear
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Output TypeFixedNumber of Regulators1Voltage - Input (Max)7.5 VVoltage - Output (Min/Fixed)1.5 VVoltage - Output (Max)-Voltage Dropout (Max)2.2 V @ 3ACurrent - Output3ACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control Features-Protection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 100°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Series	-
Number of Regulators  Voltage - Input (Max)  7.5V  Voltage - Output (Min/Fixed)  1.5V  Voltage - Output (Max)  - Voltage Dropout (Max)  2.2V @ 3A  Current - Output  3A  Current - Quiescent (Iq)  - Current - Supply (Max)  - PSRR  - Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit  Operating Temperature  Mounting Type  Surface Mount  Package / Case  TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  1.5V  Voltage - Output (Max)  Voltage Dropout (Max)  2.2V @ 3A  Current - Output  3A  Current - Quiescent (Iq)  Current - Supply (Max)  -  PSRR  Control Features  Control Features  Over Temperature, Reverse Polarity, Short Circuit  Operating Temperature  40°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Output Type	Fixed
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  3A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit  Operating Temperature  Ao°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  2.2V @ 3A  Current - Output  3A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit  Operating Temperature  -40°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Voltage - Input (Max)	7.5V
Voltage Dropout (Max)  Current - Output  3A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  Protection Features  Operating Temperature  Mounting Type  Package / Case  2.2V @ 3A  2.2V @ 3A  Current - Output  3A  - Control Features  - Control Features  - Control Features  Over Temperature, Reverse Polarity, Short Circuit  -40°C ~ 100°C  Surface Mount  Package / Case  TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Voltage - Output (Min/Fixed)	1.5V
Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit  Operating Temperature  Mounting Type  Surface Mount  Package / Case  TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Voltage - Output (Max)	-
Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  Over Temperature, Reverse Polarity, Short Circuit  Operating Temperature  Mounting Type  Surface Mount  Package / Case  TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Voltage Dropout (Max)	2.2V @ 3A
Current - Supply (Max)  PSRR  - Control Features  Protection Features  Over Temperature, Reverse Polarity, Short Circuit  Operating Temperature  -40°C ~ 100°C  Mounting Type  Surface Mount  Package / Case  TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Current - Output	3A
PSRR - Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 100°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Current - Quiescent (Iq)	-
Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature -40°C ~ 100°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Current - Supply (Max)	-
Protection Features Over Temperature, Reverse Polarity, Short Circuit  -40°C ~ 100°C  Mounting Type Surface Mount  Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	PSRR	-
Operating Temperature -40°C ~ 100°C  Mounting Type Surface Mount  Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Control Features	-
Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Protection Features	Over Temperature, Reverse Polarity, Short Circuit
Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Operating Temperature	-40°C ~ 100°C
	Mounting Type	Surface Mount
Supplier Device Package DDPAK/TO-263-5	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
	Supplier Device Package	DDPAK/TO-263-5
Report errors?		Report errors?

### **UC282TDKTTT-1 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.

# **UC282TDKTTT-1 Payment Methods**



















# **UC282TDKTTT-1 Shipping Methods**













If you have any question about UC282TDKTTT-1, please do not hesitate to contact us!

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