

UC382TDTR-ADJG3

UC382TDTR-ADJG3 Information



For Reference Only

Part Number UC382TDTR-ADJG3
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LINEAR POS ADJ 3A 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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UC382TDTR-ADJG3 Specifications

Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) 7.5V Voltage - Output (Min/Fixed) 1.2V (1.2V) Voltage - Output (Max) 6V Voltage Dropout (Max) 2.1V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR - Control Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 100°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA			
Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	Manufacturer Part Number	UC382TDTR-ADJG3	
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Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) 7.5V Voltage - Output (Min/Fixed) 1.2V (1.2V) Voltage - Output (Max) 6V Voltage Dropout (Max) 2.1V @ 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 Supplier Device Package DDPAK/TO-263-5	Category	Integrated Circuits (ICs)	
Series - Output Configuration Positive Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) 7.5V Voltage - Output (Min/Fixed) 1.2V (1.2V) Voltage - Output (Max) 6V Voltage - Output (Max) 2.1V @ 3A Current - Output 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR - Control Features - Voer Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°C ~ 100°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package		PMIC - Voltage Regulators - Linear	
Output Configuration Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) 1.2V (1.2V) Voltage - Output (Max) Voltage - Output (Max) 6V Voltage Dropout (Max) 2.1V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR - Control Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°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	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	
Output Type Adjustable (Fixed) Number of Regulators 1 Voltage - Input (Max) 7.5V Voltage - Output (Min/Fixed) 1.2V (1.2V) Voltage - Output (Max) 6V Voltage Dropout (Max) 2.1V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR - Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°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	Series	-	
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) Voltage Dropout (Max) 2.1V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR - Control Features Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature O°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	Output Configuration	Positive	
Voltage - Input (Max) 7.5V Voltage - Output (Min/Fixed) 1.2V (1.2V) Voltage - Output (Max) 6V Voltage Dropout (Max) 2.1V @ 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 Supplier Device Package DDPAK/TO-263-5	Output Type	Adjustable (Fixed)	
Voltage - Output (Min/Fixed) Voltage - Output (Max) 6V Voltage Dropout (Max) 2.1V @ 3A Current - Output 3A Current - Quiescent (Iq)	Number of Regulators	1	
Voltage - Output (Max) Voltage Dropout (Max) 2.1V @ 3A Current - Output 3A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature O°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	Voltage - Input (Max)	7.5V	
Voltage Dropout (Max) Current - Output 3A Current - Quiescent (Iq)	Voltage - Output (Min/Fixed)	1.2V (1.2V)	
Current - Output 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 Supplier Device Package DDPAK/TO-263-5	Voltage - Output (Max)	6V	
Current - Quiescent (Iq) Current - Supply (Max) - PSRR - Control Features Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature O°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	Voltage Dropout (Max)	2.1V @ 3A	
Current - Supply (Max) - PSRR - Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature O°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	Current - Output	3A	
PSRR - Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°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	Current - Quiescent (Iq)	-	
Control Features - Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°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	Current - Supply (Max)	-	
Protection Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 0°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	PSRR	-	
Operating Temperature 0°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	Control Features	-	
Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Protection Features	Over Temperature, Reverse Polarity, Short Circuit	
Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Supplier Device Package DDPAK/TO-263-5	Operating Temperature	0°C ~ 100°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?

UC382TDTR-ADJG3 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.

UC382TDTR-ADJG3 Payment Methods



















UC382TDTR-ADJG3 Shipping Methods













If you have any question about UC382TDTR-ADJG3, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com