

UC285T-2

UC285T-2 Information



Part Number	UC285T-2
Manufacturer	Texas Instruments
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear
Description	IC REG LINEAR 2.1V 5A TO220-5
Package	TO-220-5
	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

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.



UC285T-2 Specifications

Manufacturer Texas Instruments Manufacturer Texas Instruments Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-220-5 Series - Output Configuration Positive Dutput Type Fixed Voltage - Input (Max) 1 Voltage - Output (Min/Fixed) 2.1V Voltage - Output (Max) - Voltage Dropout (Max) 2.2V @ 5A Current - Output SA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR - Control Features Over Temperature, Reverse Polarity, Short Circuit Operating Temperature 40°C ~ 100°C Protection Features Through Hole Package / Case To-220-5		
CategoryIntegrated Circuits (ICs)PAckagePMIC - Voltage Regulators - LinearPackageTO-220-5Series-Output ConfigurationPositiveDutput ConfigurationFixedOutput TypeFixedNumber of Regulators1Voltage - Input (Max)7.5VVoltage - Output (Min/Fixed)2.1VVoltage - Output (Max)-Voltage Output (Max)2.2V @ 5ACurrent - OutputSACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature40°C ~ 100°CPackage / CaseTo-220-5Supplier Device PackageTO-220-5	Manufacturer Part Number	UC285T-2
PMIC - Voltage Regulators - LinearPackageTO-220-5Series-Output ConfigurationPositiveDutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max).5VVoltage - Output (Min/Fixed).1VVoltage - Output (Min/Fixed).21VVoltage Dropout (Max).22V @ 5ACurrent - Output.4Current - Output (Max).6Current - Quiescent (Iq).6Current - Supply (Max).6PSRR.6Control Features.6Protection Features.40°C ~ 10°CPortang Temperature.40°C ~ 10°CPackage / Case.0Supplier Device Package.0Supplier Device Package.0<	Manufacturer	Texas Instruments
PackageTO-220-5Series-Output ConfigurationPositiveDutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)7.5VVoltage - Output (Min/Fixed)2.1VVoltage - Output (Max)-Voltage Dropout (Max)2.2V @ 5ACurrent - Output-Current - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control Features-Protection Features-Operating Temperature-40°C ~ 100°CPackage / CaseTO-220-5Supplier Device PackageTO-220-5	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 7.5V Voltage - Output (Min/Fixed) 2.1V Voltage - Output (Max) - Voltage - Output (Max) 2.2V @ 5A Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) - PSRR - Protection Features - Protection Features - Operating Temperature - Mounting Type Through Hole Package / Case TO-220-5		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)7.5VVoltage - Output (Min/Fixed)2.1VVoltage - Output (Max)-Voltage - Output (Max)2.2V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature40°C ~ 100°CPackage / CaseTo-220-5Supplier Device PackageTo-220-5	Package	TO-220-5
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Number of Regulators1Voltage - Input (Max)7.5VVoltage - Output (Min/Fixed)2.1VVoltage - Output (Max)-Voltage Dropout (Max)2.2V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control Features-Protection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 100°CPackage / CaseTo-220-5Supplier Device PackageTo-220-5	Output Configuration	Positive
Voltage - Input (Max) 7.5V Voltage - Output (Min/Fixed) 2.1V Voltage - Output (Max) - Voltage Dropout (Max) 2.2V @ 5A Current - Output 5A 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 Through Hole Package / Case TO-220-5	Output Type	Fixed
Voltage - Output (Min/Fixed)2.1VVoltage - Output (Max)-Voltage Dropout (Max)2.2V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control Features-Protection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 100°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)2.2V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control Features-Protection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 100°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Voltage - Input (Max)	7.5V
Voltage Dropout (Max)2.2V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control Features-Protection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 100°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Voltage - Output (Min/Fixed)	2.1V
Current - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control Features-Protection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 100°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control Features-Protection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 100°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Voltage Dropout (Max)	2.2V @ 5A
Current - Supply (Max)-PSRR-Control Features-Protection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 100°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Current - Output	5A
PSRR-Control Features-Protection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 100°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Current - Quiescent (Iq)	-
Control Features-Protection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 100°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Current - Supply (Max)	-
Protection FeaturesOver Temperature, Reverse Polarity, Short CircuitOperating Temperature-40°C ~ 100°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	PSRR	-
Operating Temperature-40°C ~ 100°CMounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Control Features	-
Mounting TypeThrough HolePackage / CaseTO-220-5Supplier Device PackageTO-220-5	Protection Features	Over Temperature, Reverse Polarity, Short Circuit
Package / CaseTO-220-5Supplier Device PackageTO-220-5	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 100^{\circ}\mathrm{C}$
Supplier Device Package TO-220-5	Mounting Type	Through Hole
	Package / Case	TO-220-5
Report errors'	Supplier Device Package	TO-220-5
		Report error

UC285T-2 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.



If you have any question about UC285T-2, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com