



LD2981CU18TR Information



For Reference Only

Part Number LD2981CU18TR

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.8V 100MA SOT89-3

Package TO-243AA

For the pricing/inventory/lead time, please contact

us

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



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LD2981CU18TR Specifications

Manufacturer Part Number LD298ICUI8TR Manufacturer STMicroelectronics Category Integrated Circuits (ICs) Package TO-243AA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.375 V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) 150µA ~ 2.6mA PSR 63dB (IkHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-243AA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 16V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.375V @ 100mA Current - Output 100mA Current - Quiescent (Iq) - Current - Supply (Max) 150μA ~ 2.6mA PSRR 63dB (1kHz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3	Manufacturer Part Number	LD2981CU18TR
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Voltage - Input (Max)16VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.375V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 2.6mAPSRR63dB (1kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackageSOT-89-3	Output Type	Fixed
Voltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.375V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 2.6mAPSRR63dB (1kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackageSOT-89-3	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 100mA Current - Quiescent (Iq) Current - Supply (Max) 150μA ~ 2.6mA PSRR 63dB (1kHz) Control Features - Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package	Voltage - Input (Max)	16V
Voltage Dropout (Max)0.375V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)150μA ~ 2.6mAPSRR63dB (1kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-243AASupplier Device PackageSOT-89-3	Voltage - Output (Min/Fixed)	1.8V
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Current - Quiescent (Iq) Current - Supply (Max) 150μA ~ 2.6mA PSRR 63dB (1kHz) Control Features - Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package	Voltage Dropout (Max)	0.375V @ 100mA
Current - Supply (Max) PSRR 63dB (1kHz) Control Features - Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3	Current - Output	100mA
PSRR 63dB (1kHz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3	Current - Supply (Max)	$150\mu\text{A} \sim 2.6\text{mA}$
Protection Features Over Current, Over Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount $ Package / Case $	PSRR	63dB (1kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3	Control Features	-
Mounting Type Surface Mount Package / Case TO-243AA Supplier Device Package SOT-89-3	Protection Features	Over Current, Over Temperature
Package / Case TO-243AA Supplier Device Package SOT-89-3	Operating Temperature	-40°C ~ 125°C
Supplier Device Package SOT-89-3	Mounting Type	Surface Mount
	Package / Case	TO-243AA
Report errors?	Supplier Device Package	SOT-89-3
		Report errors?

LD2981CU18TR 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.

LD2981CU18TR Payment Methods



















LD2981CU18TR Shipping Methods













If you have any question about LD2981CU18TR, please do not hesitate to contact us!

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