

# MCP1811BT-033/LT

#### MCP1811BT-033/LT Information

MCP1811BT-033/LT	
r Microchip Technology	
Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
ULTRA LOW IQ LDO	
5-TSSOP, SC-70-5, SOT-353	
For the pricing/inventory/lead time, please contact	
us	
Website: https://www.heisener.com	
E-mail: salesdept@heisener.com	
	Microchip Technology Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear ULTRA LOW IQ LDO 5-TSSOP, SC-70-5, SOT-353 For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com



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For Reference Only

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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.



## MCP1811BT-033/LT Specifications

Manufacturer Microchip Technology   Manufacturer Microchip Technology   Category Integrated Circuits (ICs)   Package S-TSSOP, SC-70-5, SOT-353   Series -   Output Configuration Positive   Output Type Fixed   Number of Regulators 1   Voltage - Input (Max) 5.5V   Voltage - Output (Min/Fixed) 3.3V   Voltage - Output (Max) -   Voltage Doupout (Max) -   Current - Output 150mA   Current - Quiescent (Iq) 0.5µA   Current - Supply (Max) 10µA   PSRR 50dB (1kHz)   Control Features Over Current   Operating Temperature -wore Carrent   Operating Temperature -wore Carrent   Package / Case Surface Mount		
CategoryIntegrated Circuits (Cs)PackagePMIC - Voltage Regulators - LinearPackageS-TSSOP, SC-70-5, SOT-353Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Doupout (Max)0.6V @ 150mACurrent - Output110µACurrent - Quiescent (Iq)0.5µACurrent - Supply (Max)110µAPSRR50dB (1kHz)Control FeaturesOver CurrentProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseS-TSSOP, SC-70-5, SOT-353Supplier Device PackageSc-70-5	Manufacturer Part Number	MCP1811BT-033/LT
PMIC - Voltage Regulators - LinearPackageS-TSSOP, SC-70-5, SOT-353Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)S.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Output (Max)0.6V @ 150mACurrent - Output150mACurrent - Output (Max)0.5µACurrent - Quiescent (Iq)0.5µACurrent - Supply (Max)50dB (1Hz)Posterion FeaturesSoldB (1Hz)Protection FeaturesOver CurrentOperating Temperature4.0°C ~ 85°C (TJ)Mounting TypeSufface MountPackage / CaseS-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Manufacturer	Microchip Technology
Package5-TSSOP, SC-70-5, SOT-353Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Min/Fixed)-Voltage - Output (Max)-Voltage Dropout (Max)0.6V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)0.5µACurrent - Supply (Max)110µAPSRR50dB (1kHz)Control FeaturesOver CurrentProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case5.TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)0.6V @ 150mACurrent - Output150mACurrent - Output0.5µACurrent - Supply (Max)10µAPSRR50dB (1kHz)Potection Features50dB (1kHz)Protection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case5.7SSOP, SC7-05, SOT-353Supplier Device PackageSC-70-5		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)0.5µACurrent - Supply (Max)110µAPSRR50dB (1kHz)Portection FeaturesOver CurrentOperating Temperature0.6V @ 35°C (TJ)Mounting TypeSurface MountPackage / CaseSC-70-5, SOT-353Supplier Device PackageSC-70-5	Package	5-TSSOP, SC-70-5, SOT-353
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)0.5µACurrent - Supply (Max)110µAPSRR50dB (1kHz)Control FeaturesOver CurrentOperating Temperature0.40°C ~ 85°C (TJ)Mounting Type5.TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Series	-
Number of Regulators1Number of Regulators5.5VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)0.5µACurrent - Supply (Max)110µAPSRR50dB (1kHz)Control FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseS-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Output Configuration	Positive
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)0.5µACurrent - Supply (Max)110µAPSRR50dB (1kHz)Control FeaturesOver CurrentProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Output Type	Fixed
Voltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)0.5μACurrent - Supply (Max)110μAPSRR50dB (1kHz)Control FeaturesOver CurrentProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.6V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)0.5μACurrent - Supply (Max)110μAPSRR50dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSc-70-5	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)0.6V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)0.5μACurrent - Supply (Max)110μAPSRR50dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSc-70-5	Voltage - Output (Min/Fixed)	3.3V
Current - Output150mACurrent - Quiescent (Iq)0.5μACurrent - Supply (Max)110μAPSRR50dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Voltage - Output (Max)	-
Current - Quiescent (Iq)0.5μACurrent - Supply (Max)110μAPSRR50dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Voltage Dropout (Max)	0.6V @ 150mA
Current - Supply (Max)110μAPSRR50dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Current - Output	150mA
PSRR50dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Current - Quiescent (Iq)	0.5μΑ
Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Current - Supply (Max)	110μΑ
Protection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	PSRR	50dB (1kHz)
Operating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Control Features	Enable
Mounting TypeSurface MountPackage / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Protection Features	Over Current
Package / Case5-TSSOP, SC-70-5, SOT-353Supplier Device PackageSC-70-5	Operating Temperature	-40°C ~ 85°C (TJ)
Supplier Device Package SC-70-5	Mounting Type	Surface Mount
	Package / Case	5-TSSOP, SC-70-5, SOT-353
Report errors?	Supplier Device Package	SC-70-5
		Report errors?

#### MCP1811BT-033/LT 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 BUARANTEE

#### **Service Guarantees**

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

DISCOVER

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