

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



Request a Quote

For Reference Only

Heisen

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

MCP1811BT-033/LT Payment Methods



MCP1811BT-033/LT Shipping Methods



If you have any question about MCP1811BT-033/LT, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com