

MCP1811BT-040/TT

MCP1811BT-040/TT Information

Heisener.com	Part Number	MCP1811BT-040/TT	
	Manufacturer	Microchip Technology	
	Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
	Description	ULTRA LOW IQ LDO	
	Package	TO-236-3, SC-59, SOT-23-3	
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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MCP1811BT-040/TT Specifications

Manufacturer Part NumberMCP1811BT-040/TTManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageTO-236-3, SC-59, SOT-23-3Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)4VVoltage - Output (Max)-Voltage - Output (Max)0.6V @ 150mACurrent - Output10µACurrent - Output5.5VStrike5.6VCurrent - Output10µAPSRRSolB (1kHz)Ontrol FeaturesOver CurrentOperating Temperature40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseSurface MountPackage / CaseSurface MountPackage / CaseSurface Surger (Ta)-Surger (Ta)		
CategoryIntegrated Circuits (Cs)PackagePMIC - Voltage Regulators - LinearPackageTO-236-3, SC-59, SOT-23-3Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)4VVoltage - Output (Max)-Voltage - Output (Max)0.6V @ 150mACurrent - Output150mACurrent - Output0.5µACurrent - Supply (Max)110µAPSRR50dB (1kHz)Control FeaturesOver CurrentOperating Temperature40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Manufacturer Part Number	MCP1811BT-040/TT
PMIC - Voltage Regulators - LinearPackageTO-236-3, SC-59, SOT-23-3Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)4/VVoltage Output (Min/Fixed)0.6V @ 150mAVoltage Dropout (Max)0.6V @ 150mACurrent - Output110µACurrent - Quiescent (Iq)0.5µAPSRR50B (IkHz)Potection FeaturesOver CurrentOutprof Teatures0.9u CurrentOperating Temperature40°C ~ 85°C (TJ)Mouting TypeSurface MountPackage / CaseSOT-23-3Supplier Device PackageSOT-23-3	Manufacturer	Microchip Technology
PackageTO-236-3, SC-59, SOT-23-3Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)4VVoltage - Output (Max)-Voltage - Output (Max)0.6V @ 150mACurrent - Output150mACurrent - Output0.5µACurrent - Supply (Max)110µAPSRR50dB (1kHz)Control FeaturesOver CurrentPortection FeaturesOver CurrentOperating Temperature40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)4VVoltage - Output (Max).Voltage - Output (Max)0.6V @ 150mACurrent - Output150mACurrent - Output10µACurrent - Supply (Max)10µAPSRRSodB (IkHz)Portection FeaturesSodB (IkHz)Protection Features-Operating Temperature-Mounting TypeSurface MountPackage / CaseSUr23-3Supplier Device PackageSUT-23-3		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)4VVoltage - Output (Max).Voltage Dopout (Max)0.6V @ 150mACurrent - Output150mACurrent - Output0.5µACurrent - Supply (Max)110µAPSRR50dB (1kHz)Protection FeaturesOver CurrentOperating Temperature6.9°C ~ 85°C (TJ)Mounting TypeSuface MountPackage / Case507-23-3Supplier Device PackageS0T-23-3	Package	TO-236-3, SC-59, SOT-23-3
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)4VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 150mACurrent - Output150mACurrent - Output0.5µACurrent - Supply (Max)10µAPSRR50dB (1kHz)Portection Features0.6ve CurrentOperating Temperature4.0°C ~ 85°C (TJ)Mouting Type502-S3-S (S) - S3-S3Supplier Device Package507-23-3Supplier Device Package507-23-3	Series	-
Number of RegulatorsINumber of RegulatorsIVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)4VVoltage - 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 / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Output Configuration	Positive
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)4VVoltage - 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 / CaseSOT-23-3Supplier Device PackageSOT-23-3	Output Type	Fixed
Voltage - Output (Min/Fixed)4VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)0.5µACurrent - Supply (Max)110µAPSRR50dB (1kHz)Control FeaturesDover CurrentProtection Features-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	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 / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	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 / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Voltage - Output (Min/Fixed)	4V
Current - Output150mACurrent - Quiescent (Iq)0.5μACurrent - Supply (Max)110μAPSRR50dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	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 / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Voltage Dropout (Max)	0.6V @ 150mA
Current - Supply (Max)110μAPSRR50dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Current - Output	150mA
PSRR50dB (1kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Current - Quiescent (Iq)	0.5μΑ
Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Current - Supply (Max)	110µA
Protection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	PSRR	50dB (1kHz)
Operating Temperature-40°C ~ 85°C (TJ)Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Control Features	Enable
Mounting TypeSurface MountPackage / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Protection Features	Over Current
Package / CaseTO-236-3, SC-59, SOT-23-3Supplier Device PackageSOT-23-3	Operating Temperature	-40°C ~ 85°C (TJ)
Supplier Device Package SOT-23-3	Mounting Type	Surface Mount
	Package / Case	TO-236-3, SC-59, SOT-23-3
Papart arrors?	Supplier Device Package	SOT-23-3
Report errors:		Report errors?

MCP1811BT-040/TT 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.

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