

# LM317MDTXM

#### **LM317MDTXM Information**

www.helsener.coe	LM317MDTXM ON Semiconductor Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LIN POS ADJ 500MA TO252 TO-252-3, DPak (2 Leads + Tab), SC-63 For the pricing/inventory/lead time, please contact us	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

## **Certified Quality**

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# LM317MDTXM Specifications

Manufacturer Part NumberLM317MDTXMManufacturer ON SemiconductorCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)1.2VVoltage Output (Max)37VVoltage Dropott (Max)500mACurrent - Output500mACurrent - Quescent (Iq)-Current - Supply (Max)60H (20Hz)PSRR0Ver Temperature, Short CircuitOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252, OP-Ak) (2 Leads + Tab), SC-63		
CategoryIntegrated Circuits (ICS)PackagePMIC - Voltage Regulators - LinearPackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Mar/Fixed)1.2VVoltage Output (Mar/Fixed)37VVoltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR80dB (120Hz)Portection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252, (D-Pak)	Manufacturer Part Number	LM317MDTXM
PMIC - Voltage Regulators - LinearPackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)1.2VVoltage Output (Min/Fixed)37VVoltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR80dB (120Hz)Control Features-Portection Features0ver Temperature, Short CircuitOperating TemperatureSurface MountMounting TypeSurface MountPackage / CaseTO-252, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Manufacturer	ON Semiconductor
PackageTO-252-3, DPak (2 Leads + Tab), SC-63Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)37VVoltage Dupotu (Max)-Current - Output500mACurrent - Output (Max)-PSRR80dB (120Hz)Control Features-Portection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°C (TJ)Mounting TypeFO-252.3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)37VVoltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR80dB (120Hz)Protection Features-Operating TemperatureOver Temperature, Short CircuitOperating TemperatureSurface MountMounting TypeSurface MountPackage / CaseTO-252, (D-Pak)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)37VVoltage Dropout (Max)-Current - Output500mACurrent - Output-Current - Supply (Max)-PSRR80dB (120Hz)Protection Features-Orerating Temperature0'c ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)37VVoltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR80dB (120Hz)Fortorio Features-Protection Features0ver Temperature, Short CircuitOperating Type0ver Cargo (Type)Mounting TypeSufface MountPackage / CaseTo-252, Otp-Ask), SC-63Supplier Device PackageTo-252, (D-Pak)	Series	-
Number of Regulators1Number of Regulators40VVoltage - Input (Max)40VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)37VVoltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR80dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Output Configuration	Positive
Voltage - Input (Max) 40V   Voltage - Output (Min/Fixed) 1.2V   Voltage - Output (Max) 37V   Voltage Dropout (Max) -   Current - Output 500mA   Current - Quiescent (Iq) -   Current - Supply (Max) -   PSRR 80dB (120Hz)   Portection Features -   Protection Features Over Temperature, Short Circuit   Operating Temperature 0°C ~ 125°C (TJ)   Mounting Type Surface Mount   Package / Case TO-252, DPak (2 Leads + Tab), SC-63   Supplier Device Package TO-252, (D-Pak)	Output Type	Adjustable
Voltage - Output (Min/Fixed)1.2VVoltage - Output (Max)37VVoltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR80dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Number of Regulators	1
Voltage - Output (Max)37VVoltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR80dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Voltage - Input (Max)	40V
Voltage Dropout (Max)-Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR80dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Voltage - Output (Min/Fixed)	1.2V
Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR80dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Voltage - Output (Max)	37V
Current - Quiescent (Iq)-Current - Supply (Max)-PSRR80dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Voltage Dropout (Max)	-
Current - Supply (Max)-PSRR80B (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Current - Output	500mA
PSRR80dB (120Hz)Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Current - Quiescent (Iq)	-
Control Features-Protection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Current - Supply (Max)	-
Protection FeaturesOver Temperature, Short CircuitOperating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	PSRR	80dB (120Hz)
Operating Temperature0°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Control Features	-
Mounting TypeSurface MountPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Protection Features	Over Temperature, Short Circuit
Package / CaseTO-252-3, DPak (2 Leads + Tab), SC-63Supplier Device PackageTO-252, (D-Pak)	Operating Temperature	0°C ~ 125°C (TJ)
Supplier Device PackageTO-252, (D-Pak)	Mounting Type	Surface Mount
	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Supplier Device Package	TO-252, (D-Pak)
Report errors		Report error

#### LM317MDTXM 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.

#### LM317MDTXM Payment Methods



### LM317MDTXM Shipping Methods



If you have any question about LM317MDTXM, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com