



## TCR2LN19,LF Information



For Reference Only

Part Number TCR2LN19,LF

Manufacturer Toshiba Semiconductor and Storage

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** 200MA LDO VOUT=1.9V DROPOUT=200M

Package 4-XFDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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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.









# **TCR2LN19,LF Specifications**

Manufacturer Part Number         TCR2LN19,LF           Manufacturer         Toshiba Semiconductor and Storage           Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         4-XFDFN Exposed Pad           Series         TCR2LN           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         1.9V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.6V @ 150mA           Current - Output         200mA           Current - Quiescent (Iq)         2µA           Current - Supply (Max)         -           PSRR         -           Control Features         Over Current           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         4-XFDFN Exposed Pad           Supplier Device Package         4-SDFN (0.8v0.8)	, <b>*</b>	
Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         4-XFDFN Exposed Pad           Series         TCR2LN           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         1.9V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.6V @ 150mA           Current - Output         200mA           Current - Quiescent (Iq)         2µA           Current - Supply (Max)         -           PSRR         -           Control Features         Enable           Protection Features         Over Current           Operating Temperature         40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         4-XFDFN Exposed Pad           Supplier Device Package         4-SDFN (0.8x0.8)	Manufacturer Part Number	TCR2LN19,LF
Package         4-XFDFN Exposed Pad           Series         TCR2LN           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         1.9V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.6V @ 150mA           Current - Output         200mA           Current - Quiescent (Iq)         2μA           Current - Supply (Max)         -           PSRR         -           Control Features         Enable           Protection Features         Over Current           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         4-XFDFN Exposed Pad           Supplier Device Package         4-SDFN (0.8x0.8)	Manufacturer	Toshiba Semiconductor and Storage
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Series         TCR2LN           Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         1.9V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.6V @ 150mA           Current - Output         200mA           Current - Quiescent (Iq)         2μA           Current - Supply (Max)         -           PSRR         -           Control Features         Over Current           Operating Temperature         Over Current           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         4-XFDFN Exposed Pad           Supplier Device Package         4-SDFN (0.8x0.8)		PMIC - Voltage Regulators - Linear
Output Configuration         Positive           Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         1.9V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.6V @ 150mA           Current - Output         200mA           Current - Quiescent (Iq)         2μA           Current - Supply (Max)         -           PSRR         -           Control Features         Over Current           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         4-XFDFN Exposed Pad           Supplier Device Package         4-SDFN (0.8x0.8)	Package	4-XFDFN Exposed Pad
Output Type         Fixed           Number of Regulators         1           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         1.9V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.6V @ 150mA           Current - Output         200mA           Current - Quiescent (Iq)         2μA           Current - Supply (Max)         -           PSRR         -           Control Features         Enable           Protection Features         Over Current           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         4-XFDFN Exposed Pad           Supplier Device Package         4-SDFN (0.8x0.8)	Series	TCR2LN
Number of Regulators         1           Voltage - Input (Max)         5.5V           Voltage - Output (Min/Fixed)         1.9V           Voltage - Output (Max)         -           Voltage Dropout (Max)         0.6V @ 150mA           Current - Output         200mA           Current - Quiescent (Iq)         2μA           Current - Supply (Max)         -           PSRR         -           Control Features         Enable           Protection Features         Over Current           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         4-XFDFN Exposed Pad           Supplier Device Package         4-SDFN (0.8x0.8)	Output Configuration	Positive
Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.9VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 150mACurrent - Output200mACurrent - Quiescent (Iq)2μACurrent - Supply (Max)-PSRR-Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package4-SDFN (0.8x0.8)	Output Type	Fixed
Voltage - Output (Min/Fixed)1.9VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 150mACurrent - Output200mACurrent - Quiescent (Iq)2μACurrent - Supply (Max)-PSRR-Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package4-SDFN (0.8x0.8)	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  200mA  Current - Quiescent (Iq)  2µA  Current - Supply (Max)  - PSRR  - Control Features  Enable  Protection Features  Operating Temperature  Operating Type  Surface Mount  Package / Case  Supplier Device Package  -  0.6V @ 150mA  -  0.6V @ 10mA  -  0.6V @ 10mA	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)0.6V @ 150mACurrent - Output200mACurrent - Quiescent (Iq)2μACurrent - Supply (Max)-PSRR-Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package4-SDFN (0.8x0.8)	Voltage - Output (Min/Fixed)	1.9V
Current - Output200mACurrent - Quiescent (Iq)2μACurrent - Supply (Max)-PSRR-Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package4-SDFN (0.8x0.8)	Voltage - Output (Max)	-
Current - Quiescent (Iq)2μACurrent - Supply (Max)-PSRR-Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package4-SDFN (0.8x0.8)	Voltage Dropout (Max)	0.6V @ 150mA
Current - Supply (Max)  PSRR  - Control Features  Enable  Protection Features  Over Current  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  4-XFDFN Exposed Pad  Supplier Device Package  4-SDFN (0.8x0.8)	Current - Output	200mA
PSRR  Control Features  Enable  Protection Features  Over Current  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  4-XFDFN Exposed Pad  Supplier Device Package  4-SDFN (0.8x0.8)	Current - Quiescent (Iq)	2μΑ
Control Features Enable  Protection Features Over Current Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-SDFN (0.8x0.8)	Current - Supply (Max)	-
Protection Features Over Current -40°C ~ 85°C  Mounting Type Surface Mount Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-SDFN (0.8x0.8)	PSRR	-
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package4-SDFN (0.8x0.8)	Control Features	Enable
Mounting Type Surface Mount  Package / Case 4-XFDFN Exposed Pad  Supplier Device Package 4-SDFN (0.8x0.8)	Protection Features	Over Current
Package / Case 4-XFDFN Exposed Pad Supplier Device Package 4-SDFN (0.8x0.8)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 4-SDFN (0.8x0.8)	Mounting Type	Surface Mount
	Package / Case	4-XFDFN Exposed Pad
Report errors?	Supplier Device Package	4-SDFN (0.8x0.8)
		Report errors?

## **TCR2LN19,LF 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.

# **TCR2LN19,LF Payment Methods**



















# **TCR2LN19,LF Shipping Methods**













If you have any question about TCR2LN19,LF, please do not hesitate to contact us!

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