

TCR2LN20,LF

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TCR2LN20,LF Information

	Part Number	TCR2LN20,LF	
	Manufacturer	Toshiba Semiconductor and Storage	Γ
	Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	ļ
	Description	200MA LDO VOUT=2.0V DROPOUT=200M	Ċ
	Package	4-XFDFN Exposed Pad	
		For the pricing/inventory/lead time, please contact us	Ľ
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	

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.



TCR2LN20,LF Specifications

Manufacturer Toshiba Semiconductor and Storage Manufacturer Toshiba Semiconductor and Storage Rategon Integrated Circuits (ICs) Package 4-XFDFN Exposed Pad Package TCR2LN Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2V Voltage - Output (Max) - Voltage Dropout (Max) 0.54V @ 150mA Current - Output 200mA Current - Quiescent (Iq) 2µA Current - Supply (Max) - PSRR - Control Features Finable Protection Features Over Current Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 4.XFDFN Exposed Pad		
Category Integrated Circuits (ICs) Package 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) 2V Voltage - Output (Max) - Voltage Dropout (Max) 0.54V @ 150mA Current - Output 200mA Current - Quiescent (Iq) 2µA Current - Supply (Max) - PSRR - Protection Features Over Current Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 4.XEDFN Exposed Pad Surplier Device Package 4.SDFN (0.8x0.8)	Manufacturer Part Number	TCR2LN20,LF
PMIC - Voltage Regulators - LinearPackage4-XFDFN Exposed PadSeriesTCR2LNOutput ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2VVoltage - Output (Max)-Voltage - Output (Max)0.54V @ 150mACurrent - Output200mACurrent - Quiescent (Iq)2μACurrent - Supply (Max)-PSRR-Control FeaturesFinableProtection FeaturesOver CurrentOperating Temperature4-XFDFN Exposed PadPackage / Case4-XFDFN Exposed PadSupplier Device Package4-SDFN (0.8x0.8)	Manufacturer	Toshiba Semiconductor and Storage
Package4-XFDFN Exposed PadSeriesTCR2LNOutput ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2VVoltage - Output (Max)-Voltage - Output (Max)0.54V @ 150mACurrent - Output200mACurrent - Output (Max)-Current - Quiescent (Iq)2µACurrent - Supply (Max)-PSRR-Control FeaturesFinableProtection FeaturesOver CurrentOperating Temperature4-XFDFN Exposed PadPackage / Case4-XFDFN Exposed PadSupplier Device Package4-SDFN (0.8x0.8)	Category	Integrated Circuits (ICs)
SeriesTCR2LNOutput ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2VVoltage - Output (Max).Voltage - Output (Max)0.54V @ 150mAVoltage Dropout (Max)200mACurrent - Output200mACurrent - Quiescent (Iq)2µACurrent - Supply (Max).PSRR-Control FeaturesFnableProtection FeaturesOver CurrentOperating Temperature40°C ~ 85°CMounting Type4.SDFN Exposed PadSupplier Device Package4.SDFN (0.8x0.8)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2VVoltage - Output (Max)-Voltage - Output (Max)0.54V @ 150mAVoltage Dropout (Max)200mACurrent - Output2µACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR-Control FeaturesFinableOperating TemperatureOver CurrentOperating TemperatureSurface MountPackage / CaseSurface MountSupplier Device Package4.SDFN (0.8x0.8)	Package	4-XFDFN Exposed Pad
Privation Fixed Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2V Voltage - Output (Max) - Voltage Dropout (Max) 0.54V @ 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 Regulators1Number of Regulators5.5VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2VVoltage - Output (Max)-Voltage Dropout (Max)0.54V @ 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 Configuration	Positive
Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2V Voltage - Output (Max) - Voltage Dropout (Max) 0.54V @ 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 Type	Fixed
Voltage - Output (Min/Fixed)2VVoltage - Output (Max)-Voltage Dropout (Max)0.54V @ 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)0.54V @ 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 - Input (Max)	5.5V
Voltage Dropout (Max)0.54V @ 150mACurrent - Output200mACurrent - Quiescent (Iq)2μACurrent - Supply (Max)-PSRR-Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-SDFN (0.8x0.8)	Voltage - Output (Min/Fixed)	2V
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)	0.54V @ 150mA
Current - Supply (Max)-PSRR-Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package4-SDFN (0.8x0.8)	Current - Output	200mA
PSRR-Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package4-SDFN (0.8x0.8)	Current - Quiescent (Iq)	2μΑ
Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package4-SDFN (0.8x0.8)	Current - Supply (Max)	-
Protection FeaturesOver CurrentOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package4-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 TypeSurface MountPackage / Case4-XFDFN Exposed PadSupplier Device Package4-SDFN (0.8x0.8)	Protection Features	Over Current
Package / Case4-XFDFN Exposed PadSupplier Device Package4-SDFN (0.8x0.8)	Operating Temperature	-40°C ~ 85°C
Supplier Device Package4-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?

TCR2LN20,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 BUARANTEE

Service Guarantees

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

TCR2LN20,LF Payment Methods



TCR2LN20,LF Shipping Methods



If you have any question about TCR2LN20,LF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com