

TCR5BM12A,L3F

TCR5BM12A,L3F Information

New Constant	Part Number	TCR5BM12A,L3F	
	Manufacturer	Toshiba Semiconductor and Storage	
	Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	- 38
	Description	IC REG LIN 1.2V 500MA 5DFNB	- EEs
	Package	4-XDFN Exposed Pad	
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Requ



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TCR5BM12A,L3F Specifications

Manufacturer Toshiba Semiconductor and Storage Manufacturer Toshiba Semiconductor and Storage Category Integrated Circuits (ICs) PAckage 4-XDFN Exposed Pad Series TCR5BM Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 0.15V @ 500mA Current - Output 36µA Current - Quiescent (Iq) 36µA Current - Supply (Max) - PSRR 98dB (ItHz) Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 4.XDFN Exposed Pad Supplier Device Package 5.5FNE (1.2x1.2)		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 4-XDFN Exposed Pad Series TCR5BM Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 0.15V @ 500mA Current - Output 500mA Current - Quiescent (Iq) 36µA Current - Supply (Max) - PSRR 98dB (1kHz) Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 85°C Mounting Type Surface Mount Package / Case 4.XDFN Exposed Pad Surface Mount 4.XDFN Exposed Pad	Manufacturer Part Number	TCR5BM12A,L3F
PMIC - Voltage Regulators - LinearPackage4-XDFN Exposed PadSeriesTCR5BMOutput ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage - Output (Max)0.15V @ 500mACurrent - Output36µACurrent - Quiescent (Iq)36µACurrent - Supply (Max)-PSRR98dB (IkHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case5.DFNB (1.2x1.2)	Manufacturer	Toshiba Semiconductor and Storage
Package4-XDFN Exposed PadSeriesTCR5BMOutput ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage - Output (Max)0.15V @ 500mACurrent - Output36µACurrent - Quiescent (Iq)36µACurrent - Supply (Max)-PSRR98dB (1kHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature4.40°C ~ 85°CMounting TypeSufface MountPackage / Case5.DFNB (1.2x1.2)	Category	Integrated Circuits (ICs)
SeriesTCR5BMOutput ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)0.15V @ 500mAVoltage Dropout (Max)50mACurrent - Output36µACurrent - Supply (Max)-PSRR98dB (1kHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 85°CMounting Type5.DFNB (1.2x1.2)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.15V @ 500mACurrent - Output36µACurrent - Supply (Max)-PSRR98dB (1kHz)Control FeaturesOver Current, Over TemperatureOperating TemperatureSurface MountOperating TemperatureSurface MountPackage / Case5.5PNB (1.2x1.2)	Package	4-XDFN Exposed Pad
Output TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.15V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)36µACurrent - Supply (Max)-PSRR98dB (1kHz)Control FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 85°CMounting TypeSurface MountPackage / Case5.DFNB (1.2x1.2)	Series	TCR5BM
Number of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.15V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)36µACurrent - Supply (Max)-PSRR98dB (1kHz)Control FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case5-DFNB (1.2x1.2)	Output Configuration	Positive
Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.2V Voltage - Output (Max) - Voltage Dropout (Max) 0.15V @ 500mA Current - Output 500mA Current - Output 36µA Current - Supply (Max) - PSRR 98dB (1kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 4-XDFN Exposed Pad Supplier Device Package 5-DFNB (1.2x1.2)	Output Type	Fixed
Voltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.15V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)36μACurrent - Supply (Max)-PSRR98dB (1kHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package5-DFNB (1.2x1.2)	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.15V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)36μACurrent - Supply (Max)-PSRR98dB (1kHz)Control FeaturesCurrent Limit, EnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package5-DFNB (1.2x1.2)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)0.15V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)36µACurrent - Supply (Max)-PSRR98dB (1kHz)Control FeaturesCurrent Limit, EnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package5-DFNB (1.2x1.2)	Voltage - Output (Min/Fixed)	1.2V
Current - Output500mACurrent - Quiescent (Iq)36μACurrent - Supply (Max)-PSRR98dB (1kHz)Control FeaturesCurrent Limit, EnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package5-DFNB (1.2x1.2)	Voltage - Output (Max)	-
Current - Quiescent (Iq)36μACurrent - Supply (Max)-PSRR98dB (1kHz)Control FeaturesCurrent Limit, EnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package5-DFNB (1.2x1.2)	Voltage Dropout (Max)	0.15V @ 500mA
Current - Supply (Max)-PSRR98dB (1kHz)Control FeaturesCurrent Limit, EnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package5-DFNB (1.2x1.2)	Current - Output	500mA
PSRR98dB (1kHz)Control FeaturesCurrent Limit, EnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package5-DFNB (1.2x1.2)	Current - Quiescent (Iq)	36µА
Control FeaturesCurrent Limit, EnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package5-DFNB (1.2x1.2)	Current - Supply (Max)	-
Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package5-DFNB (1.2x1.2)	PSRR	98dB (1kHz)
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package5-DFNB (1.2x1.2)	Control Features	Current Limit, Enable
Mounting TypeSurface MountPackage / Case4-XDFN Exposed PadSupplier Device Package5-DFNB (1.2x1.2)	Protection Features	Over Current, Over Temperature
Package / Case4-XDFN Exposed PadSupplier Device Package5-DFNB (1.2x1.2)	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$
Supplier Device Package5-DFNB (1.2x1.2)	Mounting Type	Surface Mount
	Package / Case	4-XDFN Exposed Pad
Report errors?	Supplier Device Package	5-DFNB (1.2x1.2)
		Report errors?

TCR5BM12A,L3F 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.

TCR5BM12A,L3F Payment Methods



TCR5BM12A,L3F Shipping Methods



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