



XC6204B462DR-G Information

Heisener.com

Part Number XC6204B462DR-G

Manufacturer Torex Semiconductor Ltd Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description 300MA HIGH SPEED LDO REGULATOR

Package 6-WFDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

For Reference Only

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



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XC6204B462DR-G Specifications

Manufacturer Part Number XC6204B462DR-G Manufacturer Torex Semiconductor Ltd Category Integrated Circuits (ICs) Package 6-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 4.6V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 100mA Current - Output 150mA Current - Quiescent (Iq) 120µA Current - Supply (Max) - PSRR 70dB (10kHz) Control Features Over Current Operating Temperature 4.0°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 6-WFDFN Exposed Pad Supplier Device Package 6-USPB (1.8x2)	•	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 6-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 4.6V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 100mA Current - Output 150mA Current - Quiescent (Iq) 120µA Current - Supply (Max) - PSRR 70dB (10kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 6-WFDFN Exposed Pad Supplier Device Package 6-USPB (1.8x2)	Manufacturer Part Number	XC6204B462DR-G
Package 6-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 4.6V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 100mA Current - Output (Quax) 150mA Current - Quiescent (Iq) 120µA Current - Supply (Max) - PSRR 70dB (10kHz) Control Features Over Current Operating Temperature 40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 6-WFDFN Exposed Pad Supplier Device Package 6-USPB (1.8x2)	Manufacturer	Torex Semiconductor Ltd
Package 6-WFDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 4.6V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 100mA Current - Output 150mA Current - Quiescent (Iq) 120μA Current - Supply (Max) - PSRR 70dB (10kHz) Control Features Over Current Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 6-WFDFN Exposed Pad Supplier Device Package 6-USPB (1.8x2)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)4.6VVoltage - Output (Max)-Voltage Dropout (Max)0.31V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)120μACurrent - Supply (Max)-PSRR70dB (10kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-USPB (1.8x2)		PMIC - Voltage Regulators - Linear
Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 10V Voltage - Output (Min/Fixed) 4.6V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 100mA Current - Output 150mA Current - Quiescent (Iq) 120μA Current - Supply (Max) - PSRR 70dB (10kHz) Control Features Over Current Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 6-WFDFN Exposed Pad Supplier Device Package 6-USPB (1.8x2)	Package	6-WFDFN Exposed Pad
Output TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)4.6VVoltage - Output (Max)-Voltage Dropout (Max)0.31V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)120μACurrent - Supply (Max)-PSRR70dB (10kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-USPB (1.8x2)	Series	-
Number of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)4.6VVoltage - Output (Max)-Voltage Dropout (Max)0.31V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)120μACurrent - Supply (Max)-PSRR70dB (10kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-USPB (1.8x2)	Output Configuration	Positive
Voltage - Input (Max)10VVoltage - Output (Min/Fixed)4.6VVoltage - Output (Max)-Voltage Dropout (Max)0.31V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)120μACurrent - Supply (Max)-PSRR70dB (10kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-USPB (1.8x2)	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) 120μA Current - Supply (Max) - PSRR 70dB (10kHz) Control Features Protection Features Over Current Operating Temperature Mounting Type Surface Mount Package / Case Supplier Device Package 4.6V 4.6V 4.6V 4.6V 4.6V 4.6V 4.6V 4.0V 4.0V 4.00	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.31V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)120μACurrent - Supply (Max)-PSRR70dB (10kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-USPB (1.8x2)	Voltage - Input (Max)	10V
Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) 120µA Current - Supply (Max) PSRR 70dB (10kHz) Control Features Enable Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package 6-USPB (1.8x2)	Voltage - Output (Min/Fixed)	4.6V
Current - Output150mACurrent - Quiescent (Iq)120μACurrent - Supply (Max)-PSRR70dB (10kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-USPB (1.8x2)	Voltage - Output (Max)	-
Current - Quiescent (Iq)120μACurrent - Supply (Max)-PSRR70dB (10kHz)Control FeaturesEnableProtection FeaturesOver CurrentOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case6-WFDFN Exposed PadSupplier Device Package6-USPB (1.8x2)	Voltage Dropout (Max)	0.31V @ 100mA
Current - Supply (Max) PSRR 70dB (10kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 6-WFDFN Exposed Pad Supplier Device Package 6-USPB (1.8x2)	Current - Output	150mA
PSRR 70dB (10kHz) Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 6-WFDFN Exposed Pad Supplier Device Package 6-USPB (1.8x2)	Current - Quiescent (Iq)	120μΑ
Control Features Enable Protection Features Over Current Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 6-WFDFN Exposed Pad Supplier Device Package 6-USPB (1.8x2)	Current - Supply (Max)	-
Protection Features Over Current -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 6-WFDFN Exposed Pad Supplier Device Package 6-USPB (1.8x2)	PSRR	70dB (10kHz)
Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 6-WFDFN Exposed Pad Supplier Device Package 6-USPB (1.8x2)	Control Features	Enable
Mounting Type Surface Mount Package / Case 6-WFDFN Exposed Pad Supplier Device Package 6-USPB (1.8x2)	Protection Features	Over Current
Package / Case 6-WFDFN Exposed Pad Supplier Device Package 6-USPB (1.8x2)	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package 6-USPB (1.8x2)	Mounting Type	Surface Mount
	Package / Case	6-WFDFN Exposed Pad
Report errors?	Supplier Device Package	6-USPB (1.8x2)
		Report errors?

XC6204B462DR-G 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.

XC6204B462DR-G Payment Methods



















XC6204B462DR-G Shipping Methods













If you have any question about XC6204B462DR-G, please do not hesitate to contact us!

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