



## XB1117K12BFR-G Information



For Reference Only

Part Number XB1117K12BFR-G

Manufacturer Torex Semiconductor Ltd Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LINEAR POS ADJ 1A SOT223

Package TO-261-4, TO-261AA

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**

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# XB1117K12BFR-G Specifications

Manufacturer Part Number         XB1117K12BFR-G           Manufacturer         Torex Semiconductor Ltd           Category         Integrated Circuits (ICs)           Package         TO-261-4, TO-261AA           Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         7V           Voltage - Output (Min/Fixed)         1.25V           Voltage - Output (Max)         5.6V           Voltage Dropout (Max)         1.4V @ 1A           Current - Output         1A           Current - Quiescent (Iq)         -           Current - Supply (Max)         10mA           PSRR         -           Control Features         Over Current, Over Temperature	<b>1</b>	
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageTO-261-4, TO-261AASeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.6VVoltage Dropout (Max)1.4V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR-Control Features-	Manufacturer Part Number	XB1117K12BFR-G
Package TO-261-4, TO-261AA Series - Cottrol Features Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 5.6V Current - Output (Max) 1.4V @ 1A Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR - Control Features - Contr	Manufacturer	Torex Semiconductor Ltd
PackageTO-261-4, TO-261AASeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.6VVoltage Dropout (Max)1.4V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR-Control Features-	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 5.6V Voltage Dropout (Max) 1.4V @ 1A Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR - Control Features - Adjustable - Control Features - Adjustable - Control Features - Control		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)7VVoltage - Output (Min/Fixed)1.25VVoltage - Output (Max)5.6VVoltage Dropout (Max)1.4V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)10mAPSRR-Control Features-	Package	TO-261-4, TO-261AA
Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 7V Voltage - Output (Min/Fixed) 1.25V Voltage - Output (Max) 5.6V Voltage Dropout (Max) 1.4V @ 1A Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR - Control Features	Series	-
Number of Regulators  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage - Output (Max)  Voltage Dropout (Max)  Voltage Dropout (Max)  1.4V @ 1A  Current - Output  1A  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  -  Control Features  -	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  1.25V  Voltage - Output (Max)  5.6V  Voltage Dropout (Max)  1.4V @ 1A  Current - Output  1A  Current - Quiescent (Iq)  Current - Supply (Max)  10mA  PSRR  - Control Features  -	Output Type	Adjustable
Voltage - Output (Min/Fixed)  Voltage - Output (Max)  5.6V  Voltage Dropout (Max)  1.4V @ 1A  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  1.25V  1.25V  1.4V @ 1A  1	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  1.4V @ 1A  Current - Output  1A  Current - Quiescent (Iq)  - Current - Supply (Max)  PSRR  - Control Features  - Control Features	Voltage - Input (Max)	7V
Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  Current - Supply (Max)  PSRR  - Control Features  -  1.4V @ 1A  1.4A  1.4V @ 1A  1.4V @ 1A  1.4V @ 1A  -  -  -  -  -  -  -  -  -  -  -  -  -	Voltage - Output (Min/Fixed)	1.25V
Current - Output 1A  Current - Quiescent (Iq) -  Current - Supply (Max) 10mA  PSRR -  Control Features -	Voltage - Output (Max)	5.6V
Current - Quiescent (Iq) - Current - Supply (Max) 10mA PSRR - Control Features -	Voltage Dropout (Max)	1.4V @ 1A
Current - Supply (Max) 10mA PSRR - Control Features -	Current - Output	1A
PSRR - Control Features -	Current - Quiescent (Iq)	-
Control Features -	Current - Supply (Max)	10mA
	PSRR	-
Protection Features Over Current, Over Temperature	Control Features	-
	Protection Features	Over Current, Over Temperature
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Operating Temperature	$0^{\circ}\text{C} \sim 70^{\circ}\text{C}$
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case TO-261-4, TO-261AA	Package / Case	TO-261-4, TO-261AA
Supplier Device Package SOT-223	Supplier Device Package	SOT-223
Report errors?		Report errors?

### XB1117K12BFR-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.

## XB1117K12BFR-G Payment Methods



















### XB1117K12BFR-G Shipping Methods













If you have any question about XB1117K12BFR-G, please do not hesitate to contact us!

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