



### **BH28RB1WGUT-E2 Information**



For Reference Only

Part Number BH28RB1WGUT-E2
Manufacturer Rohm Semiconductor
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LIN 2.8V 150MA 4VCSP60N1

Package 4-WFBGA, CSPBGA

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.









# **BH28RB1WGUT-E2 Specifications**

Manufacturer Part NumberBH28RB1WGUT-E2ManufacturerRohm SemiconductorCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage4-WFBGA, CSPBGASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.15V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)72μA		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear  Package 4-WFBGA, CSPBGA  Series - Output Configuration Positive Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 5.5V  Voltage - Output (Min/Fixed) 2.8V  Voltage - Output (Max) - Voltage Dropout (Max) 0.15V @ 100mA  Current - Output Current - Quiescent (Iq) -	Manufacturer Part Number	BH28RB1WGUT-E2
Package 4-WFBGA, CSPBGA  Series - Output Configuration Positive Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 5.5V  Voltage - Output (Min/Fixed) 2.8V  Voltage - Output (Max) - Voltage Dropout (Max) 0.15V @ 100mA  Current - Output Current - Quiescent (Iq) -	Manufacturer	Rohm Semiconductor
Package 4-WFBGA, CSPBGA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.15V @ 100mA Current - Output (Quiescent (Iq) -	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.15V @ 100mA Current - Output Current - Quiescent (Iq)		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output Current - Quiescent (Iq)  Positive Positive Positive Pixed  1  0.15V @ 100mA	Package	4-WFBGA, CSPBGA
Output Type Fixed  Number of Regulators 1  Voltage - Input (Max) 5.5V  Voltage - Output (Min/Fixed) 2.8V  Voltage - Output (Max) -  Voltage Dropout (Max) 0.15V @ 100mA  Current - Output Current - Quiescent (Iq) -	Series	-
Number of Regulators  Voltage - Input (Max)  Voltage - Output (Min/Fixed)  Voltage - Output (Max)  Voltage - Output (Max)  -  Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  -	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  2.8V  Voltage - Output (Max)  - Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  5.5V  2.8V  - 1.50mA	Output Type	Fixed
Voltage - Output (Min/Fixed)  2.8V  Voltage - Output (Max)  -  Voltage Dropout (Max)  Current - Output  150mA  Current - Quiescent (Iq)  -	Number of Regulators	1
Voltage - Output (Max)  Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)  Current - Output  Current - Quiescent (Iq)  0.15V @ 100mA  150mA  -	Voltage - Output (Min/Fixed)	2.8V
Current - Output 150mA Current - Quiescent (Iq) -	Voltage - Output (Max)	-
Current - Quiescent (Iq)	Voltage Dropout (Max)	0.15V @ 100mA
-	Current - Output	150mA
Current - Supply (Max) 72µA	Current - Quiescent (Iq)	-
	Current - Supply (Max)	72μΑ
PSRR 63dB (1kHz)	PSRR	63dB (1kHz)
Control Features Enable	Control Features	Enable
Protection Features Over Current, Over Temperature	Protection Features	Over Current, Over Temperature
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	-40°C ~ 85°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 4-WFBGA, CSPBGA	Package / Case	4-WFBGA, CSPBGA
Supplier Device Package 4-VCSP60N1 (1x1.04)	Supplier Device Package	4-VCSP60N1 (1x1.04)
Report errors?		Report errors?

#### **BH28RB1WGUT-E2 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.

## **BH28RB1WGUT-E2 Payment Methods**



















# **BH28RB1WGUT-E2 Shipping Methods**













If you have any question about BH28RB1WGUT-E2, please do not hesitate to contact us!

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