

BCM89335L2CUBGT

BCM89335L2CUBGT Information

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Part Number BCM89335L2CUBGT

Manufacturer Cypress Semiconductor Corp

Category RF/IF and RFID

RF Transceiver ICs

Description DUAL BAND+BT (IPA) Package 145-UFBGA, WLBGA

For the pricing/inventory/lead time, please contact

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BCM89335L2CUBGT Specifications

Manufacturer Part Number BCM8933512CUBGT Manufacturer Cypress Semiconductor Corp Category RF/IF and RFID RF Transceiver ICs Package 145-UFBGA, WLBGA Series - Type TxRx + MCU RF Family/Standard Bluetooth, WiFi Protocol 802.11ac, Bluetooth v4.1 Modulation 4DQPSK, 8DPSK, GFSK Frequency 2.4GHz Data Rate (Max) 433.3Mbps Power - Output 13dBm Sensitivity -95.5dBm Memory Size 640kB ROM, 768kB SRAM Serial Interfaces 12S, SPI, UART GPIO 9 Voltage - Supply 3 V ~ 4.8 V Current - Receiving 110mA Current - Transmitting 340mA Operating Temperature -40°C ~ 85°C Package / Case 145-UFBGA, WLBGA		
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Series - Type TxRx + MCU RF Family/Standard Bluetooth, WiFi Protocol 802.11ac, Bluetooth v4.1 Modulation 4DQPSK, 8DPSK, GFSK Frequency 2.4GHz Data Rate (Max) 433.3Mbps Power - Output 13dBm Sensitivity -95.5dBm Memory Size 640kB ROM, 768kB SRAM Serial Interfaces 12S, SPI, UART GPIO 9 Voltage - Supply 3 V ~ 4.8 V Current - Receiving 110mA Current - Transmitting 340mA Operating Temperature -40°C ~ 85°C Package / Case 145-UFBGA, WLBGA		RF Transceiver ICs
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Protocol802.11ac, Bluetooth v4.1Modulation4DQPSK, 8DPSK, GFSKFrequency2.4GHzData Rate (Max)433.3MbpsPower - Output13dBmSensitivity-95.5dBmMemory Size640kB ROM, 768kB SRAMSerial Interfaces12S, SPI, UARTGPIO9Voltage - Supply3 V ~ 4.8 VCurrent - Receiving110mACurrent - Transmitting340mAOperating Temperature-40°C ~ 85°CPackage / Case145-UFBGA, WLBGA	Туре	TxRx + MCU
Modulation4DQPSK, 8DPSK, GFSKFrequency2.4GHzData Rate (Max)433.3MbpsPower - Output13dBmSensitivity-95.5dBmMemory Size640kB ROM, 768kB SRAMSerial InterfacesI2S, SPI, UARTGPIO9Voltage - Supply3 V ~ 4.8 VCurrent - Receiving110mACurrent - Transmitting340mAOperating Temperature-40°C ~ 85°CPackage / Case145-UFBGA, WLBGA	RF Family/Standard	Bluetooth, WiFi
Frequency Data Rate (Max) 433.3Mbps Power - Output 13dBm Sensitivity -95.5dBm Memory Size 640kB ROM, 768kB SRAM Serial Interfaces 12S, SPI, UART GPIO 9 Voltage - Supply Voltage - Supply 110mA Current - Transmitting 340mA Operating Temperature Package / Case 145-UFBGA, WLBGA	Protocol	802.11ac, Bluetooth v4.1
Data Rate (Max) Power - Output 13dBm -95.5dBm Memory Size 640kB ROM, 768kB SRAM Serial Interfaces 12S, SPI, UART GPIO 9 Voltage - Supply 3 V ~ 4.8 V Current - Receiving 110mA Current - Transmitting 340mA Operating Temperature -40°C ~ 85°C Package / Case 145-UFBGA, WLBGA	Modulation	4DQPSK, 8DPSK, GFSK
Power - Output Sensitivity -95.5dBm Memory Size 640kB ROM, 768kB SRAM Serial Interfaces I2S, SPI, UART GPIO 9 Voltage - Supply 3 V ~ 4.8 V Current - Receiving 110mA Current - Transmitting 340mA Operating Temperature -40°C ~ 85°C Package / Case 145-UFBGA, WLBGA	Frequency	2.4GHz
Sensitivity -95.5dBm Memory Size 640kB ROM, 768kB SRAM Serial Interfaces I2S, SPI, UART GPIO 9 Voltage - Supply 3 V ~ 4.8 V Current - Receiving 110mA Current - Transmitting 340mA Operating Temperature -40°C ~ 85°C Package / Case 145-UFBGA, WLBGA	Data Rate (Max)	433.3Mbps
Memory Size640kB ROM, 768kB SRAMSerial InterfacesI2S, SPI, UARTGPIO9Voltage - Supply3 V ~ 4.8 VCurrent - Receiving110mACurrent - Transmitting340mAOperating Temperature-40°C ~ 85°CPackage / Case145-UFBGA, WLBGA	Power - Output	13dBm
Serial Interfaces I2S, SPI, UART GPIO 9 Voltage - Supply 3 V ~ 4.8 V Current - Receiving 110mA Current - Transmitting 340mA Operating Temperature -40°C ~ 85°C Package / Case 145-UFBGA, WLBGA	Sensitivity	-95.5dBm
GPIO 9 Voltage - Supply $3 \text{ V} \sim 4.8 \text{ V}$ Current - Receiving 110mA Current - Transmitting 340mA Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 145-UFBGA , WLBGA	Memory Size	640kB ROM, 768kB SRAM
Voltage - Supply $3\ V \sim 4.8\ V$ Current - Receiving 110mA Current - Transmitting 340mA Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 145-UFBGA, WLBGA	Serial Interfaces	I2S, SPI, UART
Current - Receiving 110mA Current - Transmitting 340mA Operating Temperature -40°C ~ 85°C Package / Case 145-UFBGA, WLBGA	GPIO	9
Current - Transmitting 340mA Operating Temperature $-40 ^{\circ}\text{C} \sim 85 ^{\circ}\text{C}$ Package / Case 145-UFBGA, WLBGA	Voltage - Supply	3 V ~ 4.8 V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 145-UFBGA , WLBGA	Current - Receiving	110mA
Package / Case 145-UFBGA, WLBGA	Current - Transmitting	340mA
	Operating Temperature	-40°C ~ 85°C
Report errors?	Package / Case	145-UFBGA, WLBGA
		Report errors?

BCM89335L2CUBGT 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.

BCM89335L2CUBGT Payment Methods



















BCM89335L2CUBGT Shipping Methods













If you have any question about BCM89335L2CUBGT, please do not hesitate to contact us!

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