



### **BCM4330FKUBGT Information**

Heisener.com

Part Number BCM4330FKUBGT

Manufacturer Cypress Semiconductor Corp

Category RF/IF and RFID RF Transceiver ICs

**Description** IC RF TXRX+MCU BLE/WIFI 133WLBGA

Package 133-UFBGA, WLBGA

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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## **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.









# **BCM4330FKUBGT Specifications**

Manufacturer Part Number         BCM4330FKUBGT           Manufacturer         Cypress Semiconductor Corp           Category         RF/IF and RFID           RF Transceiver ICs           Package         133-UFBGA, WLBGA           Series         -           Type         TxRx + MCU           RF Family/Standard         Bluetooth, WiFi           Protocol         802.11a/b/g/n, Bluetooth v4.0           Modulation         8DPSK, DQPSK, GFSK           Frequency         2.4GHz, 5GHz           Data Rate (Max)         72.2Mbps           Power - Output         12dBm           Sensitivity         -95dBm           Memory Size         -           Serial Interfaces         12S, SPI, UART           GPIO         7           Voltage - Supply         1.2 V ~ 3.3 V           Current - Receiving         -           Current - Transmitting         -           Operating Temperature         -30°C ~ 85°C           Package / Case         133-UFBGA, WLBGA		
Category         RF/IF and RFID           RF Transceiver ICs           Package         133-UFBGA, WLBGA           Series         -           Type         TxRx + MCU           RF Family/Standard         Bluetooth, WiFi           Protocol         802.11a/b/g/n, Bluetooth v4.0           Modulation         8DPSK, DQPSK, GFSK           Frequency         2.4GHz, 5GHz           Data Rate (Max)         72.2Mbps           Power - Output         12dBm           Sensitivity         -95dBm           Memory Size         -           Serial Interfaces         I2S, SPI, UART           GPIO         7           Voltage - Supply         1.2 V ~ 3.3 V           Current - Receiving         -           Current - Transmitting         -           Operating Temperature         -30°C ~ 85°C           Package / Case         133-UFBGA, WLBGA	Manufacturer Part Number	BCM4330FKUBGT
Package         133-UFBGA, WLBGA           Series         -           Type         TxRx + MCU           RF Family/Standard         Bluetooth, WiFi           Protocol         802.11a/b/g/n, Bluetooth v4.0           Modulation         8DPSK, DQPSK, GFSK           Frequency         2.4GHz, 5GHz           Data Rate (Max)         72.2Mbps           Power - Output         12dBm           Sensitivity         -95dBm           Memory Size         -           Serial Interfaces         12S, SPI, UART           GPIO         7           Voltage - Supply         1.2 V ~ 3.3 V           Current - Receiving         -           Current - Transmitting         -           Operating Temperature         -30°C ~ 85°C           Package / Case         133-UFBGA, WLBGA	Manufacturer	Cypress Semiconductor Corp
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Series         -           Type         TxRx + MCU           RF Family/Standard         Bluetooth, WiFi           Protocol         802.11a/b/g/n, Bluetooth v4.0           Modulation         8DPSK, DQPSK, GFSK           Frequency         2.4GHz, 5GHz           Data Rate (Max)         72.2Mbps           Power - Output         12dBm           Sensitivity         -95dBm           Memory Size         -           Serial Interfaces         12S, SPI, UART           GPIO         7           Voltage - Supply         1.2 V ~ 3.3 V           Current - Receiving         -           Current - Transmitting         -           Operating Temperature         -30°C ~ 85°C           Package / Case         133-UFBGA, WLBGA		RF Transceiver ICs
Type         TxRx + MCU           RF Family/Standard         Bluetooth, WiFi           Protocol         802.11a/b/g/n, Bluetooth v4.0           Modulation         8DPSK, DQPSK, GFSK           Frequency         2.4GHz, 5GHz           Data Rate (Max)         72.2Mbps           Power - Output         12dBm           Sensitivity         -95dBm           Memory Size         -           Serial Interfaces         12S, SPI, UART           GPIO         7           Voltage - Supply         1.2 V ~ 3.3 V           Current - Receiving         -           Current - Transmitting         -           Operating Temperature         -30°C ~ 85°C           Package / Case         133-UFBGA, WLBGA	Package	133-UFBGA, WLBGA
RF Family/Standard       Bluetooth, WiFi         Protocol       802.11a/b/g/n, Bluetooth v4.0         Modulation       8DPSK, DQPSK, GFSK         Frequency       2.4GHz, 5GHz         Data Rate (Max)       72.2Mbps         Power - Output       12dBm         Sensitivity       -95dBm         Memory Size       -         Serial Interfaces       12S, SPI, UART         GPIO       7         Voltage - Supply       1.2 V ~ 3.3 V         Current - Receiving       -         Current - Transmitting       -         Operating Temperature       -30°C ~ 85°C         Package / Case       133-UFBGA, WLBGA	Series	-
Protocol802.11a/b/g/n, Bluetooth v4.0Modulation8DPSK, DQPSK, GFSKFrequency2.4GHz, 5GHzData Rate (Max)72.2MbpsPower - Output12dBmSensitivity-95dBmMemory Size-Serial Interfaces12S, SPI, UARTGPIO7Voltage - Supply1.2 V ~ 3.3 VCurrent - Receiving-Current - Transmitting-Operating Temperature-30°C ~ 85°CPackage / Case133-UFBGA, WLBGA	Туре	TxRx + MCU
Modulation8DPSK, DQPSK, GFSKFrequency2.4GHz, 5GHzData Rate (Max)72.2MbpsPower - Output12dBmSensitivity-95dBmMemory Size-Serial Interfaces12S, SPI, UARTGPIO7Voltage - Supply1.2 V ~ 3.3 VCurrent - Receiving-Current - Transmitting-Operating Temperature-30°C ~ 85°CPackage / Case133-UFBGA, WLBGA	RF Family/Standard	Bluetooth, WiFi
Frequency Data Rate (Max) 72.2Mbps  Power - Output 12dBm Sensitivity -95dBm  Memory Size - Serial Interfaces 12S, SPI, UART GPIO 7  Voltage - Supply 1.2 V ~ 3.3 V  Current - Receiving - Current - Transmitting Operating Temperature -30°C ~ 85°C Package / Case 123.4GHz, 5GHz -95dBz -95dBm -	Protocol	802.11a/b/g/n, Bluetooth v4.0
Data Rate (Max)  Power - Output  12dBm  Sensitivity  -95dBm  Memory Size  - Serial Interfaces  I2S, SPI, UART  GPIO  7  Voltage - Supply  1.2 V ~ 3.3 V  Current - Receiving  - Current - Transmitting  Operating Temperature  Package / Case  133-UFBGA, WLBGA	Modulation	8DPSK, DQPSK, GFSK
Power - Output 12dBm  Sensitivity -95dBm  Memory Size - Serial Interfaces I2S, SPI, UART  GPIO 7  Voltage - Supply 1.2 V ~ 3.3 V  Current - Receiving - Current - Transmitting - Operating Temperature -30°C ~ 85°C  Package / Case 133-UFBGA, WLBGA	Frequency	2.4GHz, 5GHz
Sensitivity -95dBm  Memory Size - Serial Interfaces I2S, SPI, UART  GPIO 7  Voltage - Supply 1.2 V ~ 3.3 V  Current - Receiving - Current - Transmitting - Operating Temperature -30°C ~ 85°C  Package / Case 133-UFBGA, WLBGA	Data Rate (Max)	72.2Mbps
Memory Size - Serial Interfaces I2S, SPI, UART  GPIO 7  Voltage - Supply 1.2 V ~ 3.3 V  Current - Receiving - Current - Transmitting - Operating Temperature -30°C ~ 85°C  Package / Case 133-UFBGA, WLBGA	Power - Output	12dBm
Serial Interfaces I2S, SPI, UART  GPIO 7  Voltage - Supply 1.2 V ~ 3.3 V  Current - Receiving -  Current - Transmitting -  Operating Temperature -30°C ~ 85°C  Package / Case 133-UFBGA, WLBGA	Sensitivity	-95dBm
GPIO 7 Voltage - Supply 1.2 V $\sim$ 3.3 V Current - Receiving - Current - Transmitting - Operating Temperature -30°C $\sim$ 85°C Package / Case 133-UFBGA, WLBGA	Memory Size	-
Voltage - Supply $1.2 \text{ V} \sim 3.3 \text{ V}$ Current - Receiving $-$ Current - Transmitting $-$ Operating Temperature $-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $133\text{-UFBGA, WLBGA}$	Serial Interfaces	I2S, SPI, UART
Current - Receiving - Current - Transmitting - Operating Temperature -30°C ~ 85°C Package / Case 133-UFBGA, WLBGA	GPIO	7
Current - Transmitting - Operating Temperature -30°C ~ 85°C Package / Case 133-UFBGA, WLBGA	Voltage - Supply	1.2 V ~ 3.3 V
Operating Temperature -30°C ~ 85°C Package / Case 133-UFBGA, WLBGA	Current - Receiving	-
Package / Case 133-UFBGA, WLBGA	Current - Transmitting	-
-	Operating Temperature	-30°C ~ 85°C
Report errors?	Package / Case	133-UFBGA, WLBGA
		Report errors?

## **BCM4330FKUBGT 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.

## **BCM4330FKUBGT Payment Methods**



















# **BCM4330FKUBGT Shipping Methods**













If you have any question about BCM4330FKUBGT, please do not hesitate to contact us!

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