CYW4330FKUBGT

Status: **In Production**

CYW4330FKUBGT

Automotive Grade	No
Automotive Qualified	N
Bluetooth Power Class	Class 1, Class 2
Bluetooth Specification	Bluetooth 4.0
Co-existence Interface	Integrated Wi-Fi and Bluetooth Coexistence, Legacy SECI for external radios
Device Type	Silicon
Driver Support	Linux
FM Transceiver (TX/RX)	TX/RX
Interfaces	SDIO v2.0, gSPI, HSIC for Wi-Fi and HCI-over-UART, PCM/I2S audio for Bluetooth, I2S/PCM/Stereo analog for FM
MIMO/SISO	1x1 SISO
Max. Operating Temp. (°C)	85
Max. Operating Voltage (V)	5.50
Min. Operating Temp. (°C)	-30
Min. Operating Voltage (V)	2.30
Module Features	N/A
No. of Dedicated Timer/Counter/PWM Blocks	0
No. of GPIOs	7
Partner Modules	N
Product Family	BCM4330
Security and Encryption	WEP, WPA, WPA2 Network Security with TKIP, AES-CCMP, IEEE 802.1x Encryption Support, Cisco Compatible Extensions, WPS support
Silicon Features	Integrated PA, PMU with Buck-Mode Switching Regulator, Shared Bluetooth and Wi-Fi Antenna Support
Tape & Reel	Y
Wi-Fi Band	Dual Band (2.4/5Ghz)
Wi-Fi PHY Data Rate (Mbps)	upto 65Mbps
Wireless Technology	Wi-Fi, Bluetooth (BR + EDR + BLE)

PACKAGING/ORDERING

No. of Pins	133
Package Cross Section Drawing	Download
Package Carrier	REEL
Package Carrier Drawing / Orientation	Package Orientation
Standard Pack Quantity	5000
Minimum Order Quantity (MOQ)	5000
Order Increment	5000
HTS Code	8542.31.0000
ECCN	None
ECCN Suball	5A992C

QUALITY AND ROHS

Moisture Sensitivity Level (MSL)	1
Peak Reflow Temp. (°C)	260 (Cypress Reflow Profile)
RoHS Compliant	Y Print RoHS Certificate of Compliance
PB Free	Y
Lead/Ball Finish	Sn/Ag/Cu
Marking	Cypress Marking Format