



# BCM20707A2KUBGT

Status: NRND: Recommended CYW20707A2KUBGT

RoHS PB Free

Automotive Grade	No
Automotive Qualified	N
Bluetooth Specification	Bluetooth 4.1
CPU Core	ARM Cortex M3
Co-existence Interface	GCI SECI
Cypress Module Area (mm)	N/A
Dedicated ADC (Max. Resolution @ Sampling Rate)	10-bit @ 100 KHz (Static) 13-bit @ 16 KHz (Audio)
Device Type	ASD
Interfaces	2 UART, 2 SPI, I2C, PCM, I2S
Max. Operating Frequency (MHz)	96
Max. Operating Temp. (°C)	85
Max. Operating Voltage (V)	3.60
Min. Operating Temp. (°C)	-30
Min. Operating Voltage (V)	3.00
Module Features	N/A
No. of Dedicated Timer/Counter/PWM Blocks	4
No. of GPIOs	24
Partner Modules Available	Y
Power-Class	Class 1, Class 2
Product Family	BCM20707
RAM (KB)	352
Silicon Features	Infrared TX/RX, 4 TRIAC controls, HCI-over-UART
Software Support	WICED

Tape & Reel	Y
Wireless Technology	Bluetooth (BR + EDR + BLE)

## Packaging/Ordering

No. of Pins 49  
 Package Carrier REEL  
 Standard Pack Quantity 2500  
 Minimum Order Quantity (MOQ) 2500  
 Order Increment 2500  
 HTS Code 8542.31.0000  
 ECCN None  
 ECCN Suball 5A992C

## Quality and RoHS

Moisture Sensitivity Level (MSL) 3  
 Peak Reflow Temp. (°C) 260  
 RoHS Compliant Y  
 PB Free Y  
 Lead/Ball Finish Sn/Ag/Cu/Ni

## Looking for pricing, stock, or lifecycle information?

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