



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





# BCM20706UA2KFFB4GT

Status: NRND  
[RoHS PB Free](#)

## BCM20706UA2KFFB4GT

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	Silicon
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	BCM20706
RAM (KB)	352
Silicon Features	Infrared TX/RX, 4 TRIAC controls
Software Support	WICED
Tape & Reel	Y
Wireless Technology	Bluetooth (BR + EDR + BLE)

## Packaging/Ordering

No. of Pins 49

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) 3

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/Ni

Marking [Cypress Marking Format](#)