



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](#)