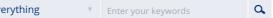
**DESIGN SUPPORT** 

**Development Kits** 



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# BCM20704UA1KFFB1G

#### **Status: In Production**

Datasheet Pricing & Inventory Availability Packaging/Ordering

**Technical Documents** Quality and RoHS

#### **Datasheet**



CYW20704 Single-Chip Bluetooth Transceiver and Baseband Processor (pdf, 4.1 MB) Datasheet updated: October 20, 2016





Knowledge Base
Packaging
Product Brochures
Quality & Reliability
Samples
Technical Support
Technical Training
Third Party Network (CYPros)

Forums

BCM20704UA1KFFB1G	
Automotive Grade	No
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)	No
Device Type	Silicon
Interfaces	USB 2.0, UART, I2C, 2 PCM, 2 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	0
No. of GPIOs	8
Partner Modules Available	Y
Power-Class	Class 1, Class 2
Product Family	BCM20704
RAM (KB)	352
Silicon Features	HCl-over-UART/USB, Audio
Software Support	WICED
Wireless Technology	Bluetooth (BR + EDR + BLE)

PRICING & IN	VENTORY AVAILA	BILITY			
1-9 unit Price*	10-24 unit Price*	25-99 unit Price*	100-249 unit Price*	250-999 unit Price*	1000+ unit Price*
Contact Sales					

Availability	Quantity	Ships In	Order Now
In Stock	106	24-48 hours	Check Distributors**

# TRAINING

Workshops

Training On-Demand

Webinars

PACKAGING/ORDERING			
No. of Pins	49		
Package Cross Section Drawing	Download		
Package Carrier	TRAY		
Package Carrier Drawing / Orientation	Package Orientation		
Standard Pack Quantity	3430		
Minimum Order Quantity (MOQ)	490		
Order Increment	490		
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	Υ
Lead/Ball Finish	Sn/Ag/Cu/Ni
Marking	Cypress Marking Format

## **TECHNICAL DOCUMENTS**

## Product Information Notice (PIN) (1)

PIN162703: Acquisition of Broadcom's Internet of Things Business Jul 25, 2016

### Product Overviews (1)

BCM20704 Product Brief Jul 04, 2016

Wireless Connectivity

WICED Wi-Fi

**Products** 

Bluetooth Low Energy
32-bit ARM® Cortex® MCUs

Programmable System-on-Chip

Universal Serial Bus (USB)

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Power Management ICs

Clocks & Buffers

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# **Contact Us**

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Hours:

4:30AM - 1:30PM (pacific time) 7:30PM - 4:30AM (standard time) Other Requests:







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