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BCM20704UA1KFFB1G

Status: In Production

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Datasheet


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


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	HCI-over-UART/USB, Audio
Software Support	WICED
Wireless Technology	Bluetooth (BR + EDR + BLE)

PRICING & INVENTORY AVAILABILITY

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**

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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	Y
Lead/Ball Finish	Sn/Ag/Cu/Ni
Marking	Cypress Marking Format

TECHNICAL DOCUMENTS
<p>Product Information Notice (PIN) (1)</p> <p>PIN162703: Acquisition of Broadcom's Internet of Things Business Jul 25, 2016</p>
<p>Product Overviews (1)</p> <p>BCM20704 Product Brief Jul 04, 2016</p>

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