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BCM20733A2KFB1GT

Status: **In Production**

Datasheet   Pricing & Inventory Availability   Packaging/Ordering

Quality and RoHS   Technical Documents

Datasheet

📄 BCM20733 - Single-Chip Bluetooth Transceiver for Wireless Input Devices (pdf, 4.92 MB)
Datasheet updated: July 05, 2016

BCM20733A2KFB1GT	
Automotive Grade	No
Bluetooth Specification	Bluetooth 3.0
CPU Core	ARM7TDMI-S
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)	24
Max. Operating Temp. (°C)	85
Max. Operating Voltage (V)	3.60
Min. Operating Temp. (°C)	-30
Min. Operating Voltage (V)	1.40
Module Features	N/A
No. of Dedicated Timer/Counter/PWM Blocks	4
No. of GPIOs	40
Partner Modules Available	N
Power-Class	Class 1, Class 2 , Class 3
Product Family	BCM20733
RAM (KB)	80
Silicon Features	Infrared TX/RX, Keyboard Scanner, Mouse Quadrature Decoder, Shutter Control for 3D Glasses, 4 TRIAC controls, Audio, Class-D Audio Amplifier
Wireless Technology	Bluetooth (BR + EDR)

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
Out of Stock	0	Please click here to check lead times	Check Distributors**

* Prices are shown in United States dollars and are for budgetary use only for volume of 1ku

** Check Distributors: This part is sold through distributors only.

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Third Party Network (CYPros)

TRAINING

Workshops

Training On-Demand

Webinars

PACKAGING/ORDERING

No. of Pins	81
Package Cross Section Drawing	Download
Package Carrier	REEL
Package Carrier Drawing / Orientation	Package Orientation
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 (Cypress Reflow Profile)
RoHS Compliant	Y Print RoHS Certificate of Compliance
PB Free	Y
Lead/Ball Finish	Sn/Ag/Cu
Marking	Cypress Marking Format

TECHNICAL DOCUMENTS

Product Information Notice (PIN) (1)

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

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WICED Wi-Fi
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32-bit ARM® Cortex® MCUs
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