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BCM20930A0KML2GT

Status: **In Production**

Pricing & Inventory Availability   Packaging/Ordering   Quality and RoHS

BCM20930A0KML2GT	
Automotive Grade	No
Bluetooth Specification	Bluetooth 3.0
CPU Core	ARM Cortex M3
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	14
Partner Modules Available	N
Power-Class	Class 1 with Ext. PA, Class 2 , Class 3
Product Family	BCM20730
RAM (KB)	60
Silicon Features	Infrared TX/RX, Keyboard Scanner, Mouse Quadrature Decoder, Shutter Control for 3D Glasses, 4 TRIAC controls, Audio
Wireless Technology	Bluetooth (BR)

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.

PACKAGING/ORDERING

No. of Pins	32
Package Cross-Section Drawing	Download

DESIGN SUPPORT

Development Kits

Forums

Knowledge Base

Packaging

Product Brochures

Quality & Reliability

Samples

Technical Support

Technical Training

Third Party Network (CYPros)

TRAINING

Workshops

Training On-Demand

Webinars

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	Pure Sn
Marking	Cypress Marking Format

Products

Wireless Connectivity
WICED Wi-Fi
Bluetooth Low Energy
32-bit ARM® Cortex® MCUs
Programmable System-on-Chip
Universal Serial Bus (USB)
Memory
Touch Sensing
Power Management ICs
Clocks & Buffers

Applications

Internet of Things (IoT)
Aerospace & Defense
Automotive Solutions
Home Appliance
Medical
Consumer Electronics
Communication & Telecom
Industrial
Wireless
Reference Designs

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Cypress Developer Community
WICED IoT Community
Knowledge Base
Workshops
Video
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Quality & Reliability
RoHS & Green
Design Partner Program
WICED IoT Partners
Product Roadmaps

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About Us

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Create a MyCase

International Support:
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Hours:
4:30AM - 1:30PM (pacific time)
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