



**THE DATASHEET OF
CYW20930A0KML2GT**





BCM20930A0KML2GT

Status: NRND: Recommended CYW20930A0KML2GT
RoHS PB Free

BCM20930A0KML2GT

| | |
|---|---|
| Automotive Grade | No |
| Automotive Qualified | N |
| 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 |
| Tape & Reel | Y |
| Wireless Technology | Bluetooth (BR) |

Packaging/Ordering

No. of Pins 32
 Package Carrier REEL
 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
 RoHS Compliant Y
 PB Free Y
 Lead/Ball Finish Pure Sn

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