



# 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