



BCM20930A0KML2GT

Status: NRND: Recommended CYW20930A0KML2GT
RoHS PB Free

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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