



CYW20930A0KML2GT

Status: In Production

RoHS PB Free

CYW20930A0KML2GT

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

Marking Cypress Marking Format <http://www.cypress.com/file/41321/download>