



# BCM20733A2KML1G

Status: NRND: Recommended CYW20733A2KML1G  
RoHS PB Free

## BCM20733A2KML1G

Automotive Grade	No
Automotive Qualified	N
Bluetooth Specification	Bluetooth 3.0
CPU Core	ARM7TDMI-S
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	27
Partner Modules Available	N
Power-Class	Class 1, Class 2 , Class 3
Product Family	BCM20733
RAM (KB)	80
Silicon Features	Infrared TX/RX, Keyboard Scanner, Mouse Quadrature

	Decoder, Shutter Control for 3D Glasses, 4 TRIAC controls, Audio, Class-D Audio Amplifier
Tape & Reel	N
Wireless Technology	Bluetooth (BR + EDR)

## Packaging/Ordering

No. of Pins 56  
 Package Carrier TRAY  
 Standard Pack Quantity 260  
 Minimum Order Quantity (MOQ) 260  
 Order Increment 260  
 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