Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

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