Chipsmall

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

BCM20707A2KUBGT

Status: NRND: Recommended CYW20707A2KUBGT

RoHS PB Free

Automotive Grade	No
Automotive Qualified	N
Bluetooth Specification	Bluetooth 4.1
CPU Core	ARM Cortex M3
Co-existence Interface	GCI SECI
Cypress Module Area (mm)	N/A
Dedicated ADC (Max. Resolution @ Sampling Rate)	10-bit @ 100 KHz (Static) 13-bit @ 16 KHz (Audio)
Device Type	ASD
Interfaces	2 UART, 2 SPI, I2C, PCM, I2S
Max. Operating Frequency (MHz)	96
Max. Operating Temp. (°C)	85
Max. Operating Voltage (V)	3.60
Min. Operating Temp. (°C)	-30
Min. Operating Voltage (V)	3.00
Module Features	N/A
No. of Dedicated Timer/Counter/PWM Blocks	4
No. of GPIOs	24
Partner Modules Available	Y
Power-Class	Class 1, Class 2
Product Family	BCM20707
RAM (KB)	352
Silicon Features	Infrared TX/RX, 4 TRIAC controls, HCI-over-UART
Software Support	WICED

Tape & Reel	Y
Wireless Technology	Bluetooth (BR + EDR + BLE)

Packaging/Ordering

No. of Pins 49
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 Sn/Ag/Cu/Ni