



BCM20707VA2PKWBGT

Status: NRND: Recommended CYW20707VA2PKWBGT

RoHS PB Free

BCM20707VA2PKWBGT

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)	16-bit DelSig Static (10-bit ENOB @ 187 KHz), 16-bit DelSig Audio ENOB (13-bit @ 16 KHz)
Device Type	Silicon
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 125

Package Carrier REEL

Standard Pack Quantity 5000

Minimum Order Quantity (MOQ) 5000

Order Increment 5000

HTS Code 8542.31.0000

ECCN None

ECCN Suball 5A992C

Quality and RoHS

Moisture Sensitivity Level (MSL) 1

Peak Reflow Temp. (°C) 260

RoHS Compliant Y

PB Free Y

Lead/Ball Finish Sn/Ag/Cu/Ni