



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