



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 |

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|---------------------|----------------------------|
| 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