



# CYW20732E

Status: In Production

RoHS PB Free

## CYW20732E

Automotive Grade	No
Automotive Qualified	N
Bluetooth Specification	Bluetooth 4.0
CPU Core	ARM Cortex M3
Cypress Module Area (mm)	6.5 x 6.5 x 1.2
Dedicated ADC (Max. Resolution @ Sampling Rate)	10-bit @ 187 KHz (Static) 13-bit @ 5.8 KHz (Audio)
Device Type	Module
Interfaces	2 UART, 2 SPI, I2C
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	Integrated 24 MHz crystal, FCC and CE compliant, Ext. antenna required
No. of Dedicated Timer/Counter/PWM Blocks	4
No. of GPIOs	14
Partner Modules Available	N
Power-Class	Class 2, Class 3
Product Family	BCM20732
RAM (KB)	60
Silicon Features	Infrared TX/RX
Software Support	WICED
Tape & Reel	N
Wireless Technology	Bluetooth Low Energy

## Packaging/Ordering

No. of Pins 48

Package Carrier TRAY

Standard Pack Quantity 1820

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 Ni/Au