



CYW20732ST

Status: In Production

RoHS PB Free

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 antenna and 24 MHz crystal, FCC and CE compliant
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	Y
Wireless Technology	Bluetooth Low Energy

Packaging/Ordering

No. of Pins 48

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 Ni/Au