

Difference Description

Modules CYW20732S, CYW20736S and CYW20737S have the same PCB, periphery parts and the encapsulation of the main chip. The main difference is as below:

Module	Difference Description
CYW20732S	Base Part
CYW20736S	Adds Simultaneous Master Slave and A4WP to BCM20732S
CYW20737S	Adds RSA Security and NFC bridging capabilities to the BCM20736S

The RF character of three sip modules are the same.

Operation Frequency	2402 MHz – 2480 MHz
No. of Channel	40
Channel Spacing	2 MHz
Modulation	GFSK
Transmit power (ERP)	Typical is 2 dBm (1.6mW)
Data Rate	1 Mbps
Antenna Type	PCB trace Antenna
No. of Antenna	One
Antenna Gain	-1.5 dBi peak
Supply Voltage	1.62V to 3.63V (test under 3.3V)
Working Environment	-40 °C to +85 °C

Yedan LI

Yedan LI / System engineer
Cypress Semiconductor