

Module Differences

1. The differences between CYBT-223058-02 and CYBT-253059-02:

- The two modules use main ICs with different P/N.

Module	RF IC	Flash Size (KB)	Package	Supported Bluetooth Standard
CYBT-223058-02	CYW20819A1	256	62-pin BGA	BR/EDR/BLE 1M&2M
CYBT-253059-02	CYW20820A1	256	62-pin BGA	BR/EDR/BLE 1M&2M

- CYBT-253059-02 need two more bypass capacitors for power supply.

2. About these two main ICs:

- These two chip components are pin-to-pin compatible.
- These two chip components have the same basic functions.
- These two chip components have different maximum output power which in case of CYW20819 is limited by firmware to nominal 4dBm. For CYW20820 the maximum output power is nominally 10.5dBm. That's why they use different P/N.