Class II Change Letter

Date: 2019-09-23

To whom it may concern,
Request for Class II Permissive Change

Product Name:	EZ-BT WICED Module with Mesh
FCC ID:	WAP3034
Model No.:	CYBT-413034-02, CYBT-413055-02, CYBT-413061-02

Modification:

1. Add model CYBT-413055-02 and CYBT-413061-02.
2. The difference between CYBT-413034-02, CYBT-413055-02 and CYBT-413061-02 is the main IC.

Module	RF IC	RAM Size （KB）	Flash Size （MB）	Package	Supported Bluetooth Standard
CYBT-413034-02	CYW20719B1	512	1	QFN40	BR/EDR/BLE
CYBT-413055-02	CYW20719B2	512	1	QFN40	BR/EDR/BLE
CYBT-413061-02	CYW20721B2	512	1	QFN40	BR/EDR/BLE

3. The difference of main ICs is:

CYW20721B2 is identical to CYW20719B2 but for different marketing applications. CYW20721B2 is more intended for use in audio application while CYW20719B2 is for IOT general applications.
Compared to CYW20719B1, CYW20719B2 and CYW20721B2 has the same RF parts but upgrades the firmware, just to improve PMU and memory performance.
The new operation mode (BT5.0 2Mbps) is enabled by firmware upgrades.

4. The same conditions of the main ICs are:

CYW20721B2 component is pin-for-pin compatible.

CYW20721B2 has the same basic function as CYW20719B2.

Cypress Semiconductor

No change in radio parameters has occurred.

The same conditions apply when a small area (approximately the same area as the chip) of the PCB is replaced with an equivalent chip.

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