Cypress Semiconductor Corporation – An Infineon Technologies Company
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SW/FW PRODUCT CHANGE NOTIFICATION

PCN:PCN212102   **Date:**   May 28, 2021

Subject: CYW2070X-based EZ-BT Modules EZ-Serial Firmware Upgrade

To: TOKYO ELECTRON DEVICE
           TELDEVICE
           cy-inside@teldevice.co.jp

Description of Change:
CYW2070X-based EZ-BT modules shipped pre-programmed with EZ-Serial Firmware Platform images are being upgraded from V1.1.14/1.2.27 to V1.2.29.

Benefit of Change:
EZ-Serial FW V1.2.29 provides a text mode backward compatible firmware image which includes additional features available to the user.

Part Numbers Affected: 5
See the attached 'Affected Parts List' file for a list of all part numbers affected by this change.

Qualification Status:
This upgrade has been qualified through a series of tests to confirm that all features and functions supported in the EZ-Serial user guide meet production requirements. The user guide can be found by visiting www.cypress.com/ez-serial.

Sample Status:
The EZ-Serial V1.2.29 release firmware binary images can be found at www.cypress.com/ez-serial. All CYW2070X-based EZ-BT modules can be upgraded with the corresponding image from the Cypress website.

Approximate Implementation Date:
Effective 30 days from the date of this notification, CYW2070X-based EZ-BT modules will be shipped pre-programmed with EZ-Serial V1.2.29.
Modules with date code 2123 or later will be pre-programmed with EZ-Serial V1.2.29 firmware.

Anticipated Impact:
For customers that have been using EZ-Serial V1.1.14 in text mode, V1.2.23, V1.2.27, and WICED Studio to develop embedded applications for EZ-BT modules, there are no changes required as EZ-Serial V1.2.29 is backward compatible. All prior features and functionality have been maintained in EZ-Serial V1.2.29.

For customers that have been using EZ-Serial V1.1.14 in binary mode, the host firmware should be tested and updated if necessary as EZ-Serial V1.2.29 is NOT completely backward compatible with V1.1.14 in binary mode. All prior features and functionality have been maintained in EZ-Serial V1.2.29.

Module Firmware	Impact
Firmware developed using WICED Studio	No impact
EZ-Serial V1.1.14 in text mode	No impact
EZ-Serial V1.1.14 in binary mode	Host firmware should be tested and updated with the latest EZ-Serial Host firmware may need update when a new version of EZ-Serial FW updated
EZ-Serial V1.2.23 in both text and binary mode	No impact
EZ-Serial V1.2.27 in both text and binary mode	No impact

Method of Identification:
CYW2070X-based EZ-BT modules with pre-programmed EZ-Serial firmware can be identified from the shipment date of the EZ-BT module from Cypress. All CYW2070X-based EZ-BT modules with date code 2123 or later will be pre-programmed with the EZ-Serial V1.2.29 firmware image.

Cypress maintains traceability of each EZ-BT module through the lot number embedded in the QR-code laser marked on the top of the EZ-BT module.

Response Required:
No response is required.

For additional information regarding this change, contact your local sales representative or contact the PCN Administrator at pcn_adm@cypress.com.

Sincerely,

Cypress PCN Administration