



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

### **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](http://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](http://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](mailto:pcn_adm@cypress.com).

Sincerely,

Cypress PCN Administration



On 16 April 2020, Infineon Technologies acquired Cypress. We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance. For further details, please visit our website: <https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

**Item Marketing Part Number**

- 1 CYBT-333032-02
- 2 CYBT-333047-02
- 3 CYBT-333047-02
- 4 CYBT-343026-01
- 5 CYBT-343151-02