



Cypress Semiconductor Corporation, 198 Champion Court, San Jose, CA 95134. Tel: (408) 943-2600

## PRODUCT INFORMATION NOTIFICATION

**PIN:** PIN183807

**Date:** September 20, 2018

**Subject:** Update to EZ-BT Module Family: Pre-Programming of EZ-Serial Firmware Platform on CYBT-343026-01

**Change Type:** Minor

### **Description of Change:**

Cypress has received requests to pre-program EZ-BT WICED Module products with a serially configurable firmware image so that customers can easily implement BLE/BT Classic communication on their products without the use of an Integrated Design Environment (IDE).

EZ-BT modules are being upgraded to ship with a pre-programmed firmware image which supports simple transparent pass-through mode, SPP and CYSYPP (SPP-like) features, and a simple debugging/programming interface (such as AT-command). EZ-Serial firmware platform has been designed and implemented to achieve these goals, among other functionality.

### **Benefit of Change:**

EZ-Serial is a firmware platform built on top of Cypress EZ-BLE/EZ-BT Modules, providing an easy-to-use method for accessing the most common hardware and communication features for BLE or BT dual-mode applications. For more detailed information, please refer to the EZ-Serial website and user guide: [www.cypress.com/ez-serial](http://www.cypress.com/ez-serial).

### **Affected Part Numbers: 1**

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

### **Qualification Status:**

Every EZ-BT Module that will ship with a pre-programmed EZ-Serial firmware image have been verified against a series of tests to confirm that all features and functions that are supported in the EZ-Serial user guide meet production requirements.

**Sample Status:**

Samples will be available for any sample requests made on or after October 8, 2018. Please contact your Sales Representative place any sample requests.

**Approximate Implementation Date:**

This change will be effective for CYBT-343026-01 EZ-BT modules shipped after October 8, 2018 (WW1841.1).

**Anticipated Impact:**

For customers that have been using WICED Studio to develop embedded applications for the CYBT-343026-01 module, there is no change required. Customers may still use the CYBT-343026-01 module with WICED Studio as desired.

The pre-programming of EZ-Serial provides customers with an alternative development method that they can use to complete their end products.

Products manufactured are completely compatible with existing product from a functional, parametric, and quality performance perspective.

Cypress also recommends that customers take this opportunity to review these changes against current application notes, system design considerations and customer environment conditions to assess impact (if any) to their application.

**Method of Identification:**

The EZ-BT WICED module with pre-programmed EZ-Serial firmware can be identified from the shipment date of the module from Cypress.

All CYBT-343026-01 modules shipped after October 8, 2018 will be pre-programmed with the EZ-Serial firmware image. Cypress maintains traceability of each EZ-BT module through the lot number embedded in the QR-code on the top of the EZ-BLE module.

**Response Required:**

This is an information only announcement. 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

Item	Marketing Part Number	Product Description
1	CYBT-343026-01	EZ-BT WICED Module - 512KB Flash, BT 5.0, 12 x 15 mm