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PRODUCT INFORMATION NOTIFICATION

PCN: PIN165002

Date: December 14, 2016

Subject: Update to EZ-BLE Module Family: Pre-Programming of EZ-Serial Firmware Platform

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Product Information:

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

EZ-BLE modules are being upgraded to ship with a pre-programmed firmware image which supports simple transparent pass-through mode, SPP-like (Serial Port Profile) feature, 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.

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

Every EZ-BLE 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.

Affected Parts: 13

Item	Marketing Part Number
1	CYBLE-022001-00
2	CG8635AM
3	CYBLE-222005-00
4	CYBLE-222014-01
5	CYBLE-012011-00
6	CYBLE-012012-10
7	CG8602AM
8	CG8603AM
9	CYBLE-212019-00

Item	Marketing Part Number
10	CYBLE-212023-10
11	CYBLE-014008-00
12	CYBLE-214009-00
13	CYBLE-224110-00

Implementation Date:

This change will be effective for all Production and Sample status EZ-BLE module shipped January 2nd, 2017 (WW1701.1) or later.

EZ-BLE modules which have not reached Production status will be pre-programmed with EZ-Serial prior to Production release of each module.

Anticipated Impact:

For customers that have been using PSoC Creator to develop embedded applications for EZ-BLE modules, there is no change required. Customers may still use all EZ-BLE modules with PSoC Creator as desired.

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

Method of Identification:

EZ-BLE modules with pre-programmed EZ-Serial firmware can be identified from the shipment date of the EZ-BLE module from Cypress. All EZ-BLE modules shipped after January 2nd, 2017 will be pre-programmed with the EZ-Serial firmware image.

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

Response Required:

This announcement is for your information.

Your continued interest in Cypress is greatly appreciated.

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