



Cypress Semiconductor Corporation – An Infineon Technologies Company  
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## PRODUCT INFORMATION NOTIFICATION

**PIN:** PIN210203

**Date:** January 14, 2021

**Subject:** Update to the Firmware Pre-Programmed on CYPD3177 BCR Device

**Change Type:** Minor

### **Product Information:**

Cypress will be updating the firmware that is pre-programmed on CYPD3177-24LQXQ EZ-PD™ BCR device. The firmware version pre-programmed on currently shipping devices is 3.0C (“current firmware”) and it will be replaced by version 4.05 (“updated firmware”).

The updated firmware resolves compliance test issues introduced due to recent additional tests added by compliance equipment manufacturers and also resolves some minor firmware issues. A detailed list of changes is documented in [KBA-231981](#).

The updated firmware has been successfully tested by our validation team for compliance to USB Type-C and Power Delivery specs.

This is only a firmware update and it does not affect the form, fit or function of the device. All datasheet parameters remain the same.

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

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

### **Approximate Implementation Date:**

This change was implemented on November 20, 2020.

### **Anticipated Impact:**

None anticipated. The changes done to the firmware are only enhancements to the existing firmware. The devices shipping with new firmware will still be compatible to existing designs. The firmware version 4.05 is backwards compatible to existing designs that use firmware version 3.0C.

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, user guides, system design considerations and customer environment conditions to assess impact (if any) to their application.

**Method of Identification:**

In general, devices shipped by Cypress can be identified using the date code marked on the silicon with a YYWW format. The devices shipping with the updated firmware can be identified if the date code is of “**2047**” or later.

**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**

1 CYPD3177-24LQXQ