



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

## PRODUCT INFORMATION NOTIFICATION

**PIN:** PIN194301

**Date:** October 21, 2019

**Subject:**  $V_{DD}$  Power-Down Ramp Rate ( $t_{VF}$ ) Specification Change in the Datasheet for Select F-RAM Devices

**Change Type:** Minor

**Description of Change:**

Cypress announces a  $V_{DD}$  power-down ramp rate ( $t_{VF}$ ) specification change for 16Kb, 4.5-5.5 V, I2C F-RAM. The  $t_{VF}$  specification (guaranteed-by-design, not a production tested spec) will be changed from 3.3  $\mu\text{s}/\text{V}$  to 30  $\mu\text{s}/\text{V}$  in the datasheet. The purpose of this change is to standardize the  $t_{VF}$  spec across the serial F-RAM product family. There is no change to silicon design, test methodology or manufacturing sites, and hence we expect end applications to be unaffected.

The updated product datasheet is attached to this notification.

**Part Numbers Affected: 2**

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

**Approximate Implementation Date:**

This change will be effective with the date of this notification.

**Anticipated Impact:**

There is no change to the product. Products manufactured with revised datasheet parameter are completely compatible with existing product from fit, form, functional, parametric, and quality performance perspectives.

**Method of Identification:**

Cypress maintains traceability of product to wafer level, including wafer fabrication location, through the lot number marked on the package.

**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 FM24C16B-G
- 2 FM24C16B-GTR