

Information note



INF214604

Dear

GENERAL INBOX
ELEMENT14
ProductChangeNotices@element14.com

With this Infineon Technologies AG Information Note we would like to inform you about the following

Datasheet change to Voltage Ramp Down for select PSoC® 4 products



On 16 April 2020, Infineon 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/>

Cypress Semiconductor Corporation – An Infineon Technologies AG company,
198 Champion Court San Jose, CA 95134. Tel: (408) 943-2600

► **Products affected**

Please refer to attached affected product list [330]

► **Detailed change information**

Subject Datasheet change to Voltage Ramp Down for select PSoC® 4 products.

Reason This notification is to inform customers of a change to the voltage ramp down requirement in the datasheets of select PSoC® 4 products. This added requirement prevents flash issues that can occur, under rare conditions, with slow voltage ramps.

Description

Product	Doc. #	Page	Section / Spec ID	From	To
PSoC 4000	001-89638	21	Section: Power-on Reset (POR) Spec ID: SID.CLK#6	At power-up	On power-up & power-down
PSoC 4000S	002-00123	26			
PSoC 4100S	002-00122	28			
PSoC 4100S Plus	002-19966	31			
PSoC 4100S Plus 256K	002-26566	31			
PSoC 4100PS	002-22097	33			
PSoC 4200DS	001-98044	17			
PSoC 4500S	002-26354	30			
PSoC 4700S	002-20489	24			
PSoC Analog Coprocessor	001-96467	33			
CapSense MBR3	001-85330	25	Section: AC Electrical Specifications Spec ID: TSR_POWER_UP	Power supply slew rate during power-up	Power supply slew rate at power-up and power-down

► **Product identification**

No change in marketing part number.

► **Impact of change**

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

Infineon 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.

▶ **Attachments**

Affected product list [330]

▶ **Intended start of delivery**

Revised datasheets are now live on www.cypress.com. Please visit the corresponding product page to download the latest copy.

If you have any questions, please do not hesitate to contact your local sales office.