



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

ADVANCE PRODUCT CHANGE NOTIFICATION

APCN: PCN162001

Date: May 20, 2016

Subject: Qualification Status of Cypress 130nm SONOS Products at Fab 25

To: ABBI RANDLE
AVNET
end-of-life@avnet.com

Change Type: Major

Description of Change:

Cypress released APCN 155371 in March 2015 to announce the planned qualification of proprietary SONOS Technology products at Fab 25 and Test 25 in Austin, Texas. These qualifications were part of the merger activities between Cypress Semiconductor Corporation and Spansion Inc. Cypress is now providing an update on the status of these qualifications and subsequent implementations, as indicated in the table below. Note that the dates are subject to change. Once complete, the qualifications will be announced through regular PCNs.

Product	PCN Issue (PCN No.)	First Shipments
MBR3	Feb 2016 (160601)	May 2016
PSoC® 4000	Feb 2016 (160601)	May 2016
Automotive PSoC® 4000	Q3 2016	Q1 2017
PSoC® 4100 & PSoC® 4200	Feb 2016 (160601)	May 2016
Automotive PSoC® 4100 and PSoC® 4200	Q3 2016	Q1 2017
PSoC® 4100M & PSoC® 4200M M Series	Q2 2016	Q3 2016
Automotive PSoC® 4200 M Series	Q3 2016	Q1 2017
PSoC® 4200L L-Series	Q3 2016	Q4 2016
PSoC® 4 BLE 128K	Q2 2016	Q3 2016
PRoC™-BLE 128K	Q2 2016	Q3 2016
PSoC® 4 BLE 256K	Q3 2016	Q4 2016
PRoC™-BLE 256K	Q3 2016	Q4 2016
PSoC® 3	Q3 2016	Q4 2016
Automotive PSoC® 3	Q3 2016	Q1 2017
PSoC® 5LP	Q3 2016	Q4 2016

Automotive True Touch® Gen4 Touchscreen Controller	Q3 2016	Q1 2017
True Touch® Gen6M Touchscreen Controller	Feb 2016 (160604)	May 2016
True Touch® Gen6L Touchscreen Controller	Feb 2016 (160604)	May 2016
Automotive True Touch® Gen6L Touchscreen Controller	Q3 2016	Q1 2017
True Touch® Gen6XL Touchscreen Controller	Q3 2016	Q4 2016
Automotive True Touch® Gen6XL Touchscreen Controller	Q3 2016	Q1 2017
True Touch® Fingerprint	Q2 2016	Q3 2016
EZ-PD™ CCG1 USB Type-C PD Controller	Mar 2016 (161301)	Jun 2016
EZ-PD™ CCG2 USB Type-C PD Controller	Q2 2016	Q3 2016
EZ-PD™ CCG3 USB Type-C PD Controller	Q3 2016	Q4 2016
EZ-PD™ CCG4 USB Two-Port Type-C PD Controller	Q3 2016	Q4 2016
USB-Serial Bridge Controller	Q4 2016	Q1 2017
4MB nvSRAM	Q4 2016	Q1 2017
256KB nvSRAM	Q1 2017	Q2 2017
1MB nvSRAM	Q1 2017	Q2 2017
1MB Quad SPI nvSRAM	Q1 2017	Q2 2017
16MB nvSRAM	Q2 2017	Q3 2017
4-PLL Spread-Spectrum Clock Generator	Q2 2017	Q3 2017

Benefit of Change:

This transfer will enable Cypress to continue to meet its delivery commitments by having a continued supply from alternate qualified sources.

Affected Part Numbers: 1111

Affected Parts: Please see the attached file for the list of parts affected by this notice.

Qualification Status:

Estimated completion dates for the internal qualification of Cypress parts are provided in the table above.

Approximate Implementation Date:

Estimated implementation dates are from May 2016 through July 2017.

Anticipated Impact:

No impact is expected in datasheet parameters, package composition and package pin-out.

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.

Sincerely,

Cypress PCN Administration