PCN # 1562_CANCELLATION

DATE: April 17, 2017

EXPECTED PCN SHIP DATE: April 17, 2017

**Quality Assurance**
160 Rio Robles
San Jose, CA 95134

**www.maximintegrated.com**

☐ **PROCESS CHANGE NOTICE**

☒ **PRODUCT CHANGE NOTICE**

**MAXIM INTEGRATED** HEREBY ISSUES NOTIFICATION OF CHANGE THAT MAY AFFECT THE FOLLOWING CATEGORIES:

| | | | | |
|---|---|---|---|---|
| ☒ DESIGN | ☐ WAFER FAB | ☐ ASSEMBLY | ☐ TEST | ☐ ELEC/MECH SPECS |

AFFECTED PRODUCT:

Ordering P/N: (See PN listing XLS in PCN ZIP file)

| CHANGE FROM: | CHANGE TO: |
|---|---|
| Current die type: AP13Z DRC: APK9 for the MAX16910C<br>Inconsistent Vout voltage during device power up. | Cancelling the changes to Die Type: AP13Z-1Z DRC: BAZ7 for the MAX16910C<br>Metal layer change to add ~10-20usec duration for RESET signal and add test mode to measure RESET time in ATE. A design change is required to add sufficient duration to the RESET signal to ensure consistent device power up. This change will avoid a potential incorrect start up state that may violate the Vout specification in the datasheet<br><br>MAX16910C will be moving to NRND (Not Recommended for New Designs) |

JUSTIFICATION: PCN 1562 is not being implemented for the design fix using the existing MAX16910C part number. The MAX16910C will continue to be supported for existing designs. MAX16910C is moving to NRND as it does not have the design fix for the RESET signal to ensure consistent device power up. The replacement device will be the MAX16910D. It is a pin-to-pin replacement with the design fix.

For customers who have approved or desire to implement the design fix in PCN 1562, please order the MAX16910D part number that is available. This is a new part number for the original design change in PCN 1562 with the Die Type: AP13Z-1Z DRC: BAZ7.

Maxim is working to improve the performance and the design fix for the RESET signal. It will have a new part number. Customers will be informed when it is available.

TRACEABILITY: Maxim Integrated maintains full traceability by device marking, packaging labels and shipment documents.

Maxim Integrated's Change Notification System is designed to keep our customer base apprised of major product, manufacturing, or facility improvements.

Nasser Ali Chaouche

Nasser AliChaouche / PCN Coordinator

For further information, please contact either of the people listed below.

**Contact your local Maxim Integrated Company Representative** or Nasser AliChaouche, PCN Coordinator
408-601-5660 / pcn.coordinator@maximintegrated.com