PCN # 2217

DATE: December 22, 2021

EXPECTED PCN SHIP DATE: December 22, 2021





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

www.maximintegrated.com

| PROCESS CHANGE NOTICE   |
|-------------------------|
| X PRODUCT CHANGE NOTICE |

|   |                                  | ROCESS            |                          |                  |                               |  |  |
|---|----------------------------------|-------------------|--------------------------|------------------|-------------------------------|--|--|
| X PRODUCT CHANGE NOTICE   |                                  |                   |                          |                  |                               |  |  |
| MAXIM INTEGRATED HEREBY ISSUES NOTIFICATION OF CHANGE   |                                  |                   |                          |                  |                               |  |  |
| THAT MAY AFFECT THE FOLLOWING CATEGORIES:   |                                  |                   |                          |                  |                               |  |  |
| X DESIGN  | WAFER FAB                        | ASSEMBL           | Y                        | TEST             | ELEC/MECH SPECS               |  |  |
| AFFECTED PRODUCT:   |                                  |                   |                          |                  |                               |  |  |
|   | Ordering F                       | P/N: (See PN lis  | ting XLS ir              | PCN ZIP file)    |                               |  |  |
|   |                                  |                   |                          |                  |                               |  |  |
| CHANGE FROM: Design revision change for MAX20303  |                                  |                   |                          | TO: -            |                               |  |  |
| (PMIC Ultra-Low-Power Voltage Regulators)   |                                  |                   |                          |                  |                               |  |  |
|   |                                  |                   |                          |                  |                               |  |  |
| Current die revision AL97A-0E   |                                  |                   | New revised die AL97D-0A |                  |                               |  |  |
| With this die revision, there is a Level shifter circuit problem  |                                  |                   | Fixed with               | this die revisio | n                             |  |  |
| potentially causing yie   | eld losses for the LDO1 regul    | ation voltage     |                          |                  |                               |  |  |
|   |                                  |                   |                          |                  |                               |  |  |
|   |                                  |                   |                          |                  |                               |  |  |
| JUSTIFICATION: -  |                                  |                   |                          |                  |                               |  |  |
| This minor die revision improves yield and ensures manufacturing supply stability.  |                                  |                   |                          |                  |                               |  |  |
|   |                                  |                   |                          |                  |                               |  |  |
| There are no other changes to Form/Fit/Function of the devices.   |                                  |                   |                          |                  |                               |  |  |
|   |                                  |                   |                          |                  |                               |  |  |
| 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 Chaovche   |                                  |                   |                          |                  |                               |  |  |
|   |                                  |                   |                          | Nasser           | AliChaouche / PCN Coordinator |  |  |
| For further informatio  | on, please contact either of the | e people listed b | elow.                    |                  |                               |  |  |
|   |                                  |                   |                          |                  |                               |  |  |

or

**Contact your local Maxim Integrated Company Representative** 

Nasser AliChaouche, PCN Coordinator  $408\text{-}601\text{-}5660\,/\,pcn.coordinator@\,maximintegrated.com$ 

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