

**Quality Assurance**  
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[www.maximintegrated.com](http://www.maximintegrated.com)

**PROCESS CHANGE NOTICE**  
 **PRODUCT CHANGE NOTICE**

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

<input type="checkbox"/> DESIGN	<input checked="" type="checkbox"/> WAFER FAB	<input type="checkbox"/> ASSEMBLY	<input type="checkbox"/> TEST	<input checked="" type="checkbox"/> ELEC/MECH SPECS
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**AFFECTED PRODUCT:**

Ordering P/N: (See PN listing XLS in PCN ZIP file)
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<p><b>CHANGE FROM:</b> - For MAX15093 (Hot-Swap Solution IC)</p> <ol style="list-style-type: none"> <li>Existing source for wafer fabrication at TowerJazz/Texas (TJT), using S18 process technology</li> <li>Current Datasheet Revision no. 2, Revision Date 11/19</li> </ol>	<p><b>CHANGE TO:</b> -</p> <ol style="list-style-type: none"> <li>Expanding waferfab supply source to Maxim's Beaverton/Oregon foundry (MFN) using same S18 process</li> <li>New datasheet release (see DS_Markups attachment)                      Datasheet changes include:                      IN Supply Current   VCC Default Undervoltage-Lockout Hysteresis   UV Turn-On Threshold   OV Turn-On Threshold   TIMING   GATE Charge Current   CURRENT REPORT</li> </ol>
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**JUSTIFICATION:** -  
 Adding MFN to expand wafer capacity. MFN fab site has been qualified and producing products using S18 process technology as a primary source since 2013. MFN S18 process successfully passed AEC-Q100 qualification, see report attached (ref. MFN\_S18).

For the datasheet changes:  
 Adding MFN required a change in internal bandgap voltage to achieve a minimum temperature coefficient, and this required widening some EC Table specs in order to include in the same datasheet for both the current fab and MFN.

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 Chaouche*

Nasser AliChaouche / PCN Coordinator

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

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