

**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 type="checkbox"/> ELEC/MECH SPECS
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**AFFECTED PRODUCT:**

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

CHANGE FROM: MAX17503/04/05/43/44/45 devices fabricated at Maxim's X3 fabrication facility in San Jose, CA on the S18U (up to 65V) process	CHANGE TO: Moving MAX17503/04/05/43/44/45 devices to Maxim's foundry partner Epson, Japan facility on the S18U (up to 65V) process
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**JUSTIFICATION:** PCN 1484 was issued 09 JAN 2015 for the MAX17503/04/05/43/44/45 devices and the plan for wafer fabrication transfer has changed. These devices will be manufactured with the S18U (up to 65V) process at Epson. The San Antonio facility was incorrectly identified as the fabrication facility. There will be no changes to the form, fit, function or guaranteed electrical datasheet EC table performance of these devices.

Maxim will be closing its X3 fabrication facility located in San Jose, CA. Production is targeted to shut down by 25 JUN 2015. Maxim currently produces the following process technology families at this wafer fabrication site: C6, MBIC3 and S18. These process technologies are qualified and running in production volume at our San Antonio, TX facility and Epson in Japan, our foundry partner.

This PCN is specific to the MAX17503/04/05/43/44/45 devices in the S18U (up to 65V) fabrication process which was fully qualified and released to production at Epson in January, 2012. Each of these PCN devices will be transferred to Epson over the next 3 months. Product shipments will commence starting August 2015.

Attached is the Reliability qualification report for the transfer to the Epson fabrication facility.

**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](mailto:pcn.coordinator@maximintegrated.com)