

PCN # 1506

DATE: February 24, 2015



EXPECTED PCN SHIP DATE: October 6, 2020

Quality Assurance  
160 Rio Robles  
San Jose, CA 95134

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**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: MAX16956 devices fabricated at Maxim's X3 fabrication facility in San Jose, CA on the S18UM process	CHANGE TO: MAX16956 devices moved to be fabricated at Maxim's San Antonio, TX facility on the S18UM process
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JUSTIFICATION: 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 MAX16956 devices in the S18U fabrication process which was fully qualified and initially released to production at San Antonio in July, 2011. Each of these PCN devices has been transferred to San Antonio and completed the AEC-Q100 testing. Product shipments will commence starting mid August 2015 upon successful approval of the PCN.

There will be no change to the form, fit, function, die geometry or guaranteed electrical datasheet EC table performance of these devices.

Attached is the AEC-Q100 report for the transfer to the San Antonio fabrication facility for the specific 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.

Contact your local Maxim Integrated Company Representative or Nasser AliChaouche, PCN Coordinator  
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