

PCN # 1920

DATE: March 11, 2019

EXPECTED PCN SHIP DATE: March 11, 2019



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)

<p>CHANGE FROM: Design Change for MAX1414 Multichannel DAS (Data Acquisition System) Current DieID/DieRev (AC25X/000L) Problem: current die has an intermittent longer FOUT time due to weak/unproper bias of the Phase-Locked Loop (PLL) comparator, leaving PLL in an undetermined state.</p> <p>Current die Maxim Part Number: MAX1414CAI+, MAX1414CAI+T (bulk, tape)</p>	<p>CHANGE TO: - New DieRev (BZU1) The new die revision has a rerouted bias current and increased capacitance to improve bias to PLL that controls the FOUT signal following system startup.</p> <p>New die Part Number: MAX1414CAI+CRS, MAX1414CAI+TCRS</p>
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JUSTIFICATION: -
This design change will reduce/improve FOUT timeout performance of this device.
The datasheet electrical table specifications and overall content remain unchanged.
No other changes to form, fit and function of this device.

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