

PCN # 1805

DATE: September 11, 2018



EXPECTED PCN SHIP DATE: September 11, 2018

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: - For Maxim products MAX31912/13/14/15 (Octal, Digital Input Translators) MAX31912: Device now manufactured with die type IN02A-0A (DRC: AJT9) MAX31913: Device now manufactured with die type IN02A-1A (DRC: AJU0) MAX31914: Device now manufactured with die type IN02A-2A (DRC: AJU1) MAX31915: Device now manufactured with die type IN02A-3A (DRC: AJU2)</p>	<p>CHANGE TO: - Device will be manufactured with die type IN02A-0B (DRC: BYW2) Device will be manufactured with die type IN02A-1B (DRC: BYW3) Device will be manufactured with die type IN02A-2B (DRC: BYW4) Device will be manufactured with die type IN02A-3B (DRC: BYW5)</p>
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JUSTIFICATION: -
The die revision upgrade is a result of a minor metal layer change. Internal characterization at Maxim found functional failures on some units at temperatures colder than -15deg.C (device expected functionality is down to -40degC per product datasheet). This die revision change supports datasheet "Operating Temperature" functionality down to -40degC

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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