PCN # 1904

DATE: January 8, 2019

EXPECTED PCN SHIP DATE: January 8, 2019

Quality Assurance
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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: MAX14912 (High-Side Switch)	CHANGE TO: -
1. DieID/DieRev (RV05A-0H/BZC6) 2. Datasheet current limits for a. VDD Supply Current (IDD): 22mA max./under PP mode condition (Push-Pull) b. HS Mode Weak Pulldown Current (ILKG): 135uA max. c. Open-Load Pullup Current, High-Side Off (IOL_HSOFF): 50uA min./100uA max.	1. DieID/DieRev (RV05A-2A/CUQ9) 2. Datasheet new limits (see attachment) a. VDD Supply Current (IDD): 25mA max./under PP mode condition (Push-Pull) b. HS Mode Weak Pulldown Current (ILKG): 180uA max. c. Open-Load Pullup Current, High-Side Off (IOL_HSOFF): 40uA min./110uA max.

JUSTIFICATION: -

This change is to support fast Digital Input (DI) operation, when an application requires a DI chip connection in parallel to the MAX14912. The need to support high rising and falling edges eliminates performance logical errors. In order to accomplish this, the MAX14912 had to change to high-impedance which required this design rework.

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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