

PCN # 1800

DATE: September 7, 2018

EXPECTED PCN SHIP DATE: September 7, 2018



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:

<input checked="" type="checkbox"/> DESIGN	<input type="checkbox"/> WAFER FAB	<input type="checkbox"/> ASSEMBLY	<input type="checkbox"/> TEST	<input checked="" type="checkbox"/> ELEC/MECH SPECS
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AFFECTED PRODUCT:

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

CHANGE FROM: -

Die Design Change and Datasheet Updates for MAX14819 (Dual IO-Link Master Transceiver)

1. Die revision RV18A-0F
2. CQ_drivers timings, CQ_transmitter pin description
3. Datasheet revision number 1 (8/17)

CHANGE TO: -

1. Die revision RV18A-1A
2. See datasheet mark-ups in attachment
3. Datasheet revision number 2 (8/18)

JUSTIFICATION: -

The die design changes will: Increase short circuit tolerance, Reduce CQ transmitter slew rate, Improve wake-up pulse generation, Add bit to indicate external clock failure.

No other changes in form/fit/function of the 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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