

PCN # 1919

DATE: February 27, 2019

EXPECTED PCN SHIP DATE: February 27, 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:

<input 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: Datasheet Updates for DS1925 (iButton Temperature Logger).
Datasheet revision no. 2 / revision date 10/16
1. Current Product Lifetime diagram on page 5

2. Register Pages Map, Figure 6, page 10
ADDR 021Dh + 021Eh (not used)

3. Temperature Alarm Threshold (TALM), Table 6, page 12
example alarm values 65.5 deg.C and 30.0 deg.C

4. Battery On Reset Alarm (BOR Behavior)
BOR bit (msbit 0214h) is not functional for 01h (Major), 16h (Minor) version

CHANGE TO: -

New datasheet release, revision no. 3
1. Revised Product Lifetime diagram (see attachment)

2. 021Dh (Major Version), 021Eh (Minor Version), Table 19 added on page 15 (on revised datasheet)

3. Correct example alarm values 25.5 deg.C and -10 deg.C (see TALM attachment)

4. BOR bit (msbit 0214h) is functional for 01h (Major), 17h (Minor) version

JUSTIFICATION: -

Item 1 is an update of Product Lifetime
Item 2/4 is a correction of the BOR bit behavior
Item 3 is a clarification of alarm examples

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