

PCN # 2096

DATE: October 30, 2020

EXPECTED PCN SHIP DATE: October 30, 2020



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

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

CHANGE FROM: - Design revision change for MAX20049
(dual step-down converter IC)

PCN Note: MAX20049A/C/D Vin power cycle initiated with residual BIAS voltage 100mV ? 200mV and Ta > +50C could result in an invalid startup condition. Maxim considers this a low/no risk if the device is powered via a regulated power supply.

Variant	Current DieID / Die Rev
MAX20049	AP91A-0D / BYR1
MAX20049C	AP91A-1A / CUH4
MAX20049D	AP91B-2B / CBT9

CHANGE TO: -

The potential startup condition is corrected and prevented

Variant	Revised DieID / Die Rev
MAX20049	AP91A-0F / CFR0
MAX20049C	AP91A-1C / CFT2
MAX20049D	AP91B-2C / CFM2

JUSTIFICATION: -

This design change ensures IC starts up per specification when Vin is below Datasheet specification.
This design change does not impact form/fit/function of these devices.
The MAX20049 design change is based on lessons learned.

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