PCN # 2262

DATE: March 14, 2022

EXPECTED PCN SHIP DATE: March 14, 2022

Quality Assurance
160 Rio Robles
San Jose, CA 95134

www.maximintegrated.com

☐ PROCESS CHANGE NOTICE
☒ PRODUCT CHANGE NOTICE

ANALOG DEVICES 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: -	CHANGE TO: -
Datasheet changes for MAX20050-MAX20053 (LED Drivers) Current datasheet revision 20 dated July 2021 Current description of Pin 19 (PWM) on page 9 of the datasheet: Logic-Level Dimming Input. Drive PWM low to turn off the current regulator. Drive PWM high to enable the current regulator. If PWM is driven low for greater than 210ms, the device turns off. Current description of "PWM Dimming Control" section on page 13 of the datasheet PWM: Pulse Width Modulation	New datasheet release (revision 21) Updated description: Logic-Level Dimming Input. Drive PWM low to turn off the current regulator. PWM should be left floating for 100% duty cycle applications. For PWM dimming applications, please refer to "PWM Dimming Control" section for more details. If PWM is driven low for greater than 210ms, the device turns off. Refer to attachment labelled "MAX20050-53 DS mark-ups". The "PWM Dimming Control" section on page 13 of the datasheet has been revised (refer to attachment labelled "MAX20050-53 DS mark-ups", Insert#1, page 4). New part numbers have been created to maintain current functionality: MAX20050EATC/V+, MAX20051EAUD/V+, MAX20052EATC/V+, MAX20053EAUD/V+

JUSTIFICATION: -
These datasheet changes are necessary to ensure proper operation of the devices.

Datasheet Revision 21 (preliminary) that includes the changes described in this notice is attached for reference.

Note: This PCN is an Information Notice only and is effective immediately.

TRACEABILITY: Analog Device maintains full traceability by device marking, packaging labels and shipment documents.

Analog Devices's Change Notification System is designed to keep our customer base apprised of major product, manufacturing, or facility improvements.

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Nasser AliChaouche / PCN Coordinator

For further information, please contact either of the people listed below.

Contact your local Analog Devices Company Representative or

Nasser AliChaouche, PCN Coordinator
408-601-5660 / pcn.coordinator@maximintegrated.com