

PCN # 2104

DATE: November 18, 2020

EXPECTED PCN SHIP DATE: November 18, 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:

DESIGN WAFER FAB ASSEMBLY TEST ELEC/MECH SPECS

AFFECTED PRODUCT:

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

<p>CHANGE FROM: - Datasheet change for MAX86140 and MAX86141 (ultra-low-power, optical data acquisition systems ICs) Current Datasheet Rev 2, dated 08/19: in the Electrical Characteristics Table, under SPI Timing Characteristics SCLK Frequency (fSCLK) 8MHz Max SCLK Period (tCP) 125nS Min</p>	<p>CHANGE TO: - New Datasheet Release (see Mark-Ups attachment) SCLK Frequency (fSCLK) 4MHz Max SCLK Period (tCP) 250nS Min</p>
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JUSTIFICATION: -
The reduction of the Max frequency and Min period specs are necessary due to the SPI bus not operating correctly at SCLK frequencies above 4MHz.
There are no other changes to the form/fit/function of the devices.

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

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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