

PCN #: 1408
DATE: 12-May-14
PROPOSED SHIP DATE: 12-Nov-14

 **maxim
integrated™**
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)
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CHANGE FROM: -maximum synchronization frequency 1.7fsw	CHANGE TO: -maximum synchronization frequency of 1.5fsw
JUSTIFICATION: Spec Change: a new GBD (Guard-band analysis) was performed after collecting new temperature characterization data. The limit needs to be changed to be in accordance with the latest data analysis. See Datasheet extract markup on next page for changed portion.	
TRACEABILITY: Maxim Integrated maintains full traceability by device marking and the packaging labels or shipment packing slip.	

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




Deborah Meeker / PCN Coordinator

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

Contact your local Maxim Integrated or Deborah Meeker, PCN Coordinator

Company Representative 408-601-5618 / pcn.coordinator@maximintegrated.com

 maxim integrated™	TITLE: Notification Only PCN		
Confidential	DOCUMENT I.D. 18-0182	REVISION F	PAGE 1 of 2

Changes of MAX16833 datasheet Page 2 for PCN 1408

Maximum Duty Cycle	D _{MAX}	V _{CS} = 0V; MAX16833/MAX16833B/ only	87.5	88.5	89.5	%	1.5fsw
		V _{CS} = 0V; MAX16833C/MAX16833D only	93	94	95	%	
Oscillator Frequency Accuracy			-5		+5	%	
Synchronization Logic-High Input	V _{IH} -SYNC	VRT rising	3.8			V	
Synchronization Frequency Range	f _{SYNCIN}		1.1fsw		1.7fsw		