

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



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)

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

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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			

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