
PRODUCT CHANGE NOTICE

**Data Sheet Specification
Change for Intersil ISL6740*
and ISL6741* Products**

**Refer to:
PCN11112A**

Date: December 6, 2011

December 6, 2011

To: Our Valued Intersil Customer

Subject: **Data Sheet Specification Change for Intersil ISL6740* and ISL6741* Products**

PCN11112A is being issued to inform you of corrections to the data sheet and earlier notice. The minimum and maximum limits for the Input Frequency Range parameter were reversed in the data sheet and notice. The contents of the original notice are below and have been updated to include the corrections. The implementation of the changes shall be ninety days from the date of the previous notification (30-January-2012) or earlier with approval.

This notice is to inform you that Intersil has changed the data sheet specification for the listed ISL6740* and ISL6741* products. The changes to the SYNC pin description, functional description for *Implementing Synchronization*, *Input Frequency Range* minimum limit, and *SYNC Output Pulse Duration* maximum limit align the data sheet with the product characteristics. The updated data sheet is available on the Intersil web site at <http://www.intersil.com/data/fn/fn9111.pdf>.

Products affected:

ISL6740IBZ	ISL6740IVZ-T	ISL6741IBZ	ISL6741IVZ-T
ISL6740IBZ-T	ISL6740IVZ-TS2462	ISL6741IBZ-T	
ISL6740IVZ	ISL6741IB	ISL6741IVZ	

The data sheet specification changes are as follows:

Parameter	Current		New		Units
	Min	Max	Min	Max	
Input Frequency Range	0.6x Free Running	Free Running	Free Running	1.67x Free Running	Hz
SYNC Output Pulse Duration	250	400	250	532	nS
Pin Description Section – Sync Functional Description Section – <i>Implementing Synchronization</i>	Added verbiage - "Self-synchronization is not recommended for oscillator frequencies above 900kHz. For higher switching frequencies, an external clock with a pulse width less than one-half of the oscillator period must be used."				

There will be no change in external marking of the packaged parts. Parts affected by this change are identifiable via Intersil's internal traceability system.

Intersil will take all necessary actions to conform to agreed upon customer requirements and to ensure the continued high quality and reliability of Intersil products being supplied. Customers may expect to receive product electrically screened to the revised data sheet beginning 30-January-2012 or earlier with approval.

If you have concerns with this notice, Intersil must hear from you promptly. Please contact the nearest Intersil Sales Office or call the Intersil Corporate line at 1-888-468-3774, in the United States, or 1-321-724-7143 outside of the United States.

Regards,

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PCN11112A

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