
PRODUCT CHANGE NOTICE

**Data Sheet Specification and
Design Change for Intersil
Product ISL23415***

**Refer to:
PCN11080**

Date: August 16, 2011

August 16, 2011

To: Our Valued Intersil Customer

Subject: **Data Sheet Specification and Design Change for Intersil Product ISL23415***

This notice is to inform you that Intersil has revised the data sheet electrical specification and implemented a design (mask) change to improve the operation of the shutdown function for the listed ISL23415* products. The new design retains all DCP WR settings when entering shutdown mode and upon exiting shutdown returns the wipers to the previous WR settings. In the previous design, the wipers would reset to their mid position upon exiting shutdown. As a result of this modification, the data sheet specification has been revised to include changes in the V_{LOGIC} Standby Current and V_{CC} Shutdown Current maximum limit. The updated data sheet is available on the Intersil web site at <http://www.intersil.com/data/fn/fn7780.pdf>.

Affected products:

ISL23415TFRUZ-T7A	ISL23415UFRUZ-T7A	ISL23415WFRUZ-T7A
ISL23415TFRUZ-TK	ISL23415UFRUZ-TK	ISL23415WFRUZ-TK
ISL23415TFUZ	ISL23415UFUZ	ISL23415WFUZ
ISL23415TFUZ-T7A	ISL23415UFUZ-T7A	ISL23415WFUZ-T7A
ISL23415TFUZ-TK	ISL23415UFUZ-TK	ISL23415WFUZ-TK

The data sheet electrical changes are as follows:

Parameter	Symbol	Conditions	Maximum Limit		Units
			Old	New	
V_{LOGIC} Standby Current	$I_{\text{LOGIC SB}}$	$V_{\text{LOGIC}} = V_{\text{CC}} = 5.5\text{V}$	1.0	1.3	μA
		$V_{\text{LOGIC}} = 1.2\text{V}, V_{\text{CC}} = 1.7\text{V}$	0.5	0.4	
V_{CC} Shutdown Current	$I_{\text{CC SHDN}}$	$V_{\text{LOGIC}} = V_{\text{CC}} = 5.5\text{V}$	0.7	1.5	
		$V_{\text{LOGIC}} = 1.2\text{V}, V_{\text{CC}} = 1.7\text{V}$	0.5	1.0	

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 incorporating the listed changes beginning *ninety* days from the date of this notification 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,

Jon Brewster

Jon Brewster
Intersil Corporation

PCN11080

CC: J. Touvell H. Babcock D. LeClair J. McNamara