PRODUCT CHANGE NOTICE

Data Sheet Specification Change for Intersil ISL84051*, ISL84052*, and ISL84053* Products

Refer to:
PCN10107

Date: October 8, 2010

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October 8, 2010

To: Our Valued Intersil Customers

Subject: **Data Sheet Specification Change for Intersil ISL84051*, ISL84052*, and ISL84053* Products**

This notice is to inform you that Intersil has updated the data sheet specification for the listed ISL84051*, ISL84052*, and ISL84053* products. The changes to the electrical specification table consist of the following:

i) The NO or NC OFF Leakage Current, COM OFF Leakage Current, COM ON Leakage Current parameters were updated to remove the 25°C minimum and maximum limits from the -5V, 5V and 3.3V Supply tables.
ii) The Inhibit Turn-ON Time and Inhibit Turn-OFF Time parameters were updated to remove the 25°C and FULL temperature maximum limits from the -5V, 5V and 3.3V Supply tables.
iii) The Address Transition Time parameter was updated to remove the 25°C maximum limit from the -5V Supply table.
iv) The Break-Before-Make Time parameter was updated to remove the 25°C minimum limit from the -5V Supply table.
v) The Charge Injection parameter was updated to remove the 25°C maximum limit from the -5V, 5V and 3.3V Supply tables.
vi) The ON-Resistance parameter was updated to remove the 25°C and FULL temperature maximum limits from the - 3.3V Supply table.

Modifications to the data sheet specification are complete. The updated data sheet is available on the Intersil web site at http://www.intersil.com/data/fn/fn6047.pdf.

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 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 conditions beginning *ninety* days from the date of this notification or earlier with approval.

If you have concerns with this change 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.

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PCN10107

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PCN10107 – Products Affected

ISL84051IA-T
ISL84051IAZ
ISL84051IAZ-T
ISL84051IB
ISL84051IB-T
ISL84051IBZ
ISL84051IBZ-T
ISL84051IBZ-T7A
ISL84051IVZ
ISL84051IVZ-T
ISL84052IAZ
ISL84052IAZ-T
ISL84052IAZ-TS2687
ISL84052IBZ
ISL84052IBZ-T
ISL84052IVZ
ISL84052IVZ-T
ISL84053IA-T
ISL84053IAZ
ISL84053IAZ-T
ISL84053IAZ-TS2687
ISL84053IBZ
ISL84053IBZ-T

PCN10107 – Data Sheet Electrical Specification Changes

Parameter	Symbol	Temp	Current Limit			New Limit			Units
			Min	Typ	Max	Min	Typ	Max	
Electrical Specifications - 5V Supply									
NO or NC OFF Leakage Current	INO(OFF) or INC(OFF)	25°C	-0.1	0.002	0.1	-	0.002	-	nA
COM OFF Leakage Current	ICOM(OFF)	25°C	-0.1	0.002	0.1	-	0.002	-	
COM ON Leakage Current	ICOM(OFF)	25°C	-0.1	0.002	0.1	-	0.002	-	
Inhibit Turn-ON Time	tON	25°C	-	50	175	-	50	-	nS
		Full	-	-	225	-	**60**	-	
Inhibit Turn-OFF Time	tOFF	25°C	-	50	150	-	40	-	
		Full	-	-	200	-	**50**	-	
Address Transition Time	tTRANS	25°C	-	75	250	-	75	-	
Break-Before-Make Time	tBBM	25°C	2	10	-	-	10	-	
Charge Injection	Q	25°C	-	2	10	-	2	-	pC
Electrical Specifications 5V Supply									
NO or NC OFF Leakage Current	INO(OFF) or INC(OFF)	25°C	-0.1	0.002	0.1	-	0.002	-	nA
COM OFF Leakage Current	ICOM(OFF)	25°C	-0.1	0.002	0.1	-	0.002	-	
COM ON Leakage Current	ICOM(OFF)	25°C	-0.1	0.002	0.1	-	0.002	-	
Inhibit Turn-ON Time	tON	25°C	-	90	175	-	90	-	nS
		Full	-	-	225	-	**100**	-	
Inhibit Turn-OFF Time	tOFF	25°C	-	60	150	-	60	-	
		Full	-	-	200	-	**70**	-	
Charge Injection	Q	25°C	-	2	10	-	2	-	pC
Electrical Specifications 3.3V Supply									
ON-Resistance	rON	25°C	-	250	525	-	250	-	**Ω**
		Full	-	-	700	-	**270**	-	
NO or NC OFF Leakage Current	INO(OFF) or INC(OFF)	25°C	-0.1	0.002	0.1	-	0.002	-	nA
COM OFF Leakage Current	ICOM(OFF)	25°C	-0.1	0.002	0.1	-	0.002	-	
COM ON Leakage Current	ICOM(OFF)	25°C	-0.1	0.002	0.1	-	0.002	-	
Inhibit Turn-ON Time	tON	25°C	-	180	600	-	180	-	nS
		Full	-	-	700	-	**280**	-	
Inhibit Turn-OFF Time	tOFF	25°C	-	100	300	-	100	-	
		Full	-	-	400	-	**200**	-	
Charge Injection	Q	25°C	-	1	10	-	1	-	pC