PRODUCT ADVISORY

Data Sheet Specification Change for Intersil Products ISL95835* and ISL95837*

Refer to:
PA12014

Date: March 1, 2012

March 1, 2012

To: Our Valued Intersil Customer

Subject: **Data Sheet Specification Change for Intersil Products ISL95835* and ISL95837***

This advisory is to inform you that Intersil has changed the data sheet specification for the listed ISL95835* and ISL95837* products. The changes add equation 19 for the setting of R_{fset} and R_{COMP} values to the *CCM (Continuous Conduction Mode) Switching Frequency* section on page 24 and update the RPROG1 and RPROG2 programming tables in the *Programming Resistors* section on page 34. The updated data sheet is available upon request.

Products affected:

ISL95835HRZ	ISL95835IRZ	ISL95837HRZ	ISL95837IRZ
ISL95835HRZ-T	ISL95835IRZ-T	ISL95837HRZ-T	ISL95837IRZ-T

The data sheet updates to the Programming Resistors section are as follows:

From: **To:**

TABLE 8. RPROG1 PROGRAMMING TABLE

RPROG1 (kohm)			V_{BOOT} (V)	VR1 ICCMAX (A) With POWER-UP CONFIGURATION		
Min. (-3%)	Typ.	Max. (+3%)		3-PH	2-PH	1-PH
2.30	2.37	2.44	0	99	66	33
6.94	7.15	7.36	0	93	62	31
12.61	13.0	13.39	0	87	58	29
19.40	20.0	20.60	0	81	54	27

TABLE 8. RPROG1 PROGRAMMING TABLE

RPROG1 (kohm)			V_{BOOT} (V)	VR1 ICCMAX (A) With POWER-UP CONFIGURATION		
Min. (-3%)	Typ.	Max. (+3%)		3-PH	2-PH	1-PH
3.14	3.24	3.34	0	99	66	33
6.94	7.15	7.36	0	93	62	31
12.61	13.0	13.39	0	87	58	29
19.40	20.0	20.60	0	81	54	27

TABLE 9. RPROG2 PROGRAMMING TABLE

RPROG2 (kΩ)			TMAX (°C)	VR2 ICCMAX (A)
Min.(-3%)	Typ.	Max.(+3%)		
2.30	2.37	2.44	120	33
6.94	7.15	7.36	120	29
12.61	13.0	13.39	120	25
19.40	20.0	20.60	120	21

TABLE 9. RPROG2 PROGRAMMING TABLE

RPROG2 (kΩ)			TMAX (°C)	VR2 ICCMAX (A)
Min.(-3%)	Typ.	Max.(+3%)		
3.14	3.24	3.34	120	33
6.94	7.15	7.36	120	29
12.61	13.0	13.39	120	25
19.40	20.0	20.60	120	21

There have been no changes made to the die/silicon or device itself. There will be no change in external marking of the packaged parts.

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 continue receiving product processed to the same established conditions and systems used for manufacturing of material supplied today.

If you have concerns with this advisory, 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
Intersil Corporation PA12014

CC: J. Touvell D. Grener J. Wei