PRODUCT ADVISORY

Data Sheet Specification Change for Intersil Product ISL28191* and ISL28291*

Refer to:
PA14045

Date: July 22, 2014

intersil™

July 22, 2014

To: Our Valued Intersil Customers

Subject: **Data Sheet Specification Change for Intersil Product ISL28191* and ISL28291***

This advisory is to inform you that Intersil has updated the data sheet specification for the ISL28191* and ISL28291* products. The change is to the θ_{JA} value in the Thermal Information section to align the data sheet with the product characteristics. Details regarding the change are contained on the following page. The updated data sheet is available is available on the Intersil web site at:

http://www.intersil.com/content/dam/Intersil/documents/fn61/fn6156.pdf.

Products affected:

ISL28191FHZ-T7	ISL28291FBZ	ISL28291FRUZ-T7	ISL28291FUZ-T7
ISL28191FRUZ-T7	ISL28291FBZ-T7	ISL28291FUZ	

There have been no changes to the die/silicon or product itself. There will be no change in the 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,

Jeffrey Touvell

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Intersil Corporation PA14045

CC: D. LaFontaine J. Bailey P. Lee

PA14045 Data Sheet Change

From:

Absolute Maximum Ratings (T_A = +25°C)

Supply Voltage	5.5V
Supply Turn On Voltage Slew Rate	1V/µs
Differential Input Current	5mA
Differential Input Voltage	0.5V
Input Voltage	V- - 0.5V to V+ + 0.5V
ESD Tolerance	
Human Body Model	3kV
Machine Model	300V
Charged Device Model (CDM)	1200V

Thermal Information

Thermal Resistance (Typical, Note 6)	θ_{JA} (°C/W)
6 Ld SOT-23 Package	230
6 Ld UTDFN Package	125
8 Ld SOIC Package	110
10 Ld MSOP Package	150
10 Ld UTQFN Package	143
Storage Temperature Range	-65°C to +150°C
Pb-Free Reflow Profile	see link below
http://www.intersil.com/pbfree/Pb-FreeReflow.asp	

To:

Absolute Maximum Ratings (T_A = +25°C)

Supply Voltage	5.5V
Supply Turn On Voltage Slew Rate	1V/µs
Differential Input Current	5mA
Differential Input Voltage	0.5V
Input Voltage	V- - 0.5V to V+ + 0.5V
ESD Tolerance	
Human Body Model	3kV
Machine Model	300V
Charged Device Model (CDM)	1200V

Thermal Information

Thermal Resistance (Typical)	θ_{JA} (°C/W)	θ_{JC} (°C/W)
6 Ld SOT-23 Package (Notes 6, 9)	170	105
6 Ld UTDFN Package (Notes 7, 8)	125	80
8 Ld SOIC Package (Notes 6, 9)	110	82
10 Ld MSOP Package (Notes 6, 9)	175	90
10 Ld UTQFN Package (Notes 6, 9)	190	140
Storage Temperature Range	-65°C to +150°C	
Pb-Free Reflow Profile	see link below	
http://www.intersil.com/pbfree/Pb-FreeReflow.asp		

Note: Changes are shaded in yellow