

Product Advisory (PA)

Subject: Correction to the Renesas ISL7x061 and ISL7x062 Datasheets

Publication Date: 12/11/2019

Effective Date: 12/11/2019

Revision Description:

Initial Release

Description of Change:

This notice is to inform you of a correction to the Absolute Maximum Ratings of the Pulsed Switch Current from 45A to 20A. Correction is reflected in Appendix A of the notice.

Renesas Part Number	Renesas Part Number	Renesas Part Number
ISL70062SEHF/PROTO	ISL73062SEHF/PROTO	ISL70061SEHX/SAMPLE
ISL70062SEHF/SAMPLE	ISL73062SEHX/SAMPLE	ISL73061SEHF/PROTO
ISL70062SEHX/SAMPLE	ISL70061SEHF/PROTO	ISL73061SEHX/SAMPLE

Reason for Change:

Change corrects the datasheet to reflect the actual product performance. Details regarding the change are contained within Appendix A, for an updated datasheet please contact your local sales or marketing representative.

Impact on fit, form, function, quality & reliability:

The change will have no impact on the form, fit, function, quality, reliability and environmental compliance of the devices.

Product Identification:

There have been no changes to the product, this is a documentation correction only. There will be no change in the external marking of the packaged products.

Qualification status: Not Applicable, correction only

Sample availability: 12/11/2019

Device material declaration: Available upon request

Questions or requests pertaining to this change notice, including additional data or samples, must be sent to Intersil within 30 days of the publication date.

For additional information regarding this notice, please contact your regional change coordinator (below)			
Americas: PCN-US@Renesas.COM	Europe: PCN-EU@Renesas.COM	Japan: PCN-JP@Renesas.COM	Asia Pac: PCN-APAC@Renesas.COM

Appendix A:

FROM:

2.1 Absolute Maximum Ratings

Parameter	Minimum	Maximum	Unit
SWI, SWO, ON, D _{ON}	GND - 0.3V	GND + 6.5	V
I _{SW} Continuous Switch Current	-	13.78	A
I _{SWP} Pulsed Switch Current, Pulse ≤5μs, duty cycle 1%	-	45	A
ESD Rating	Value		Unit
Human Body Model (Tested per MIL-STD-883 TM3015.7)	7		kV
Charged Device Model (Tested per JS-002-2014)	1		kV

CAUTION: Do not operate at or near the maximum ratings listed for extended periods of time. Exposure to such conditions can adversely impact product reliability and result in failures not covered by warranty.

TO:

2.1 Absolute Maximum Ratings

Parameter	Minimum	Maximum	Unit
SWI, SWO, ON, D _{ON}	GND - 0.3V	GND + 6.5	V
I _{SW} Continuous Switch Current	-	13.78	A
I _{SWP} Pulsed Switch Current, Pulse ≤1ms, duty cycle 1%	-	20	A
ESD Rating	Value		Unit
Human Body Model (Tested per MIL-STD-883 TM3015.7)	7		kV
Charged Device Model (Tested per JS-002-2014)	1		kV

CAUTION: Do not operate at or near the maximum ratings listed for extended periods of time. Exposure to such conditions can adversely impact product reliability and result in failures not covered by warranty.