

Product Advisor (PA)

Subject: Data Sheet Specification Change for Intersil Product ISL76671*

Publication Date: 4/21/2015

Effective Date: 4/21/2015

Revision Description:

Initial Release

Description of Change:

Intersil has updated the ESD rating for Human Body Model and Machine Model as shown in Appendix B for listed ISL76671* products.

Reason for Change:

The change to the ESD Rating aligns the data sheet with the product characteristics. Details regarding the change are contained on the following page. The updated data sheet is available on the Intersil web site at

<http://www.intersil.com/content/dam/Intersil/documents/isl7/isl76671.pdf>

Product Identification:

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.

Qualification status: Complete, see attached

Sample availability: 4/21/2015

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@INTERSIL.COM	Europe: PCN-EU@INTERSIL.COM	Japan: PCN-JP@INTERSIL.COM	Asia Pac: PCN-APAC@INTERSIL.COM

Appendix A – Affected Products List

Appendix B – Datasheet update

Appendix A: Affected Products List

ISL76671AR0Z-T7 ISL76671AR0Z-T7R5503 ISL76671AR0Z-TKR5534
 ISL76671AR0Z-T7A ISL76671AR0Z-T7R5534

Appendix B: Datasheet update

From:

Absolute Maximum Ratings ($T_A = +25^\circ\text{C}$)

Supply Voltage Between V_{DD} and GND 3.6V
 R_{EXT} (-0.5V + GND) to (0.5V + V_{DD})
 V_{OUT} (-0.5V + GND) to (0.5V + V_{DD})
 V_{OUT} Short Circuit Current <10mA
 ESD Rating
 Human Body Model (Tested per JESD22-A114E) **3kV**
 Machine Model (Tested per JESD22-A115C) **300V**
 Charged Device Model (Tested per JESD22-C101E) 1kV
 Latch Up (Tested per JESD78C) 100mA

To:

Absolute Maximum Ratings ($T_A = +25^\circ\text{C}$)

Supply Voltage Between V_{DD} and GND 3.6V
 R_{EXT} (-0.5V + GND) to (0.5V + V_{DD})
 V_{OUT} (-0.5V + GND) to (0.5V + V_{DD})
 V_{OUT} Short Circuit Current <10mA
 ESD Rating
 Human Body Model (Tested per AEC-Q100-002) **.25kV**
 Machine Model (Tested per AEC-Q100-003) **250V**
 Charged Device Model (Tested per AEC-Q100-011) 1kV
 Latch-up (Tested per AEC-Q100-004, Class II, Level A) 100mA