

## 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: <a href="mailto:PCN-US@INTERSIL.COM">PCN-US@INTERSIL.COM</a>	Europe: <a href="mailto:PCN-EU@INTERSIL.COM">PCN-EU@INTERSIL.COM</a>	Japan: <a href="mailto:PCN-JP@INTERSIL.COM">PCN-JP@INTERSIL.COM</a>	Asia Pac: <a href="mailto:PCN-APAC@INTERSIL.COM">PCN-APAC@INTERSIL.COM</a>

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)	2.5kV
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