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# **PRODUCT ADVISORY**

## **Data Sheet Specification Change for Intersil Product ISL29018IROZ-T7**

**Refer to:  
PA12079**

**Date: October 8, 2012**

October 8, 2012

To: Our Valued Intersil Customer

Subject: **Data Sheet Specification Change for Intersil Product ISL29018IROZ-T7**

This advisory is to inform you that Intersil has updated the data sheet specification for the ISL29018IROZ-T7 product. The update to the *Integration Time of n-Bit DAC* table removes the 250k R<sub>EXT</sub> resistor option for setting of the internal oscillator frequency and light sensing range. The updated data sheet is available on the Intersil web site at <http://www.intersil.com/data/fn/fn6619.pdf>.

The data sheet updates to the *Integration Time of n-Bit DAC* table are as follows:

**Old Table:**

**TABLE 11. INTEGRATION TIME OF n-BIT ADC**

R <sub>EXT</sub> (kΩ)	n = 16-BIT (ms)	n = 12-BIT (ms)	n = 8-BIT (μs)	n = 4-BIT (μs)
250	45	2.812	175.5	10.8μs
499**	90	5.63	351	21.6μs

\*\*Recommended R<sub>EXT</sub> resistor value

**New Table:**

**TABLE 11. INTEGRATION TIME OF n-BIT ADC**

R <sub>EXT</sub> (kΩ)	n = 16-BIT (ms)	n = 12-BIT (ms)	n = 8-BIT (μs)	n = 4-BIT (μs)
499**	90	5.63	351	21.6μs

\*\*Recommended R<sub>EXT</sub> resistor value

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,



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PA12079

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