
PRODUCT ADVISORY

Data Sheet Specification Change for Intersil Product ISL85033IRTZ*

**Refer to:
PA12010**

Date: February 23, 2012

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To: Our Valued Intersil Customer

Subject: **Data Sheet Specification Change for Intersil Product ISL85033IRTZ***

This advisory is to inform you that Intersil has updated the data sheet specification for the listed ISL85033IRTZ* products. The updates to the *Pin Descriptions*, *Enable and Disable*, and *Output Tracking and Sequencing* sections add a capacitor limitation for the soft start pins and provide guidelines for the use of an external signal for driving the enable pins. The updated data sheet (includes detailed revision history on sheet 24) is available on the Intersil web site at <http://www.intersil.com/data/fn/fn6676.pdf>.

Products affected: **ISL85033IRTZ ISL85033IRTZ-T ISL85033IRTZ-T7A**

The data sheet updates to the Pin Description section are in red and as follows:

Symbol	Pin Description
SS1, SS2	Soft-Start pins for each controller. The SS1/2 pins control the soft-start and sequence of their respective outputs. A single capacitor from the SS pin to ground determines the output ramp rate. See the "Output Tracking and Sequencing" on page 16 for soft-start and output tracking/sequencing details. If SS pins are tied to VCC, an internal soft-start of 2ms will be used. Maximum CSS value is 50nF.
EN1, EN2	PWM controller's enable inputs. The PWM controllers are held off when the pin is pulled to ground. When the voltage on this pin rises above 2V, the PWM controller is enabled. If EN1, EN2 pins are driven by an external signal, the minimum off-time for EN1, EN2 should be: $EN_T_off (\mu s) = 10\mu s \cdot CSS/2.2nF$ where CSS is the soft-start pin capacitor (nF). ISL85033 does not have debouncing to EN1, EN2 external signals

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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PA12010

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