

Control No. PCN-17361

September 22, 2017

**PRODUCT/PROCESS CHANGE NOTIFICATION**

**TYPE OF CHANGE:**       Design               Manufacturing               Other

This notification is provided in accordance with Power Integrations policy of change notification. If you have any questions or need further assistance, please contact your regional Power Integrations sales office.

**DESCRIPTION OF CHANGE**

Add a minimum value of 4 mA to the  $I_{VCC}$  parameter of the primary side supply current the Scale-iDriver Family Data Sheet.

Figure 1: Existing Scale-iDriver Family Data Sheet

<b>Supply Current (Primary-Side)</b>	$I_{VCC}$	$V_{IN} = 0\text{ V}$		11	17	mA
		$V_{IN} = 5\text{ V}$		16	23	
		$f_S = 20\text{ kHz}$		14.5	20	
		$f_S = 75\text{ kHz}$		16.3	23	

Figure 2: New Scale-iDriver Family Data Sheet

<b>Supply Current (Primary-Side)</b>	$I_{VCC}$	$V_{IN} = 0\text{ V}$	4	11	17	mA
		$V_{IN} = 5\text{ V}$		16	23	
		$f_S = 20\text{ kHz}$		14.5	20	
		$f_S = 75\text{ kHz}$		16.3	23	

**REASON FOR CHANGE**

The minimum value of  $I_{VCC}$  is needed for the safe torque off (STO) design.

**CONFIDENTIAL**

The information in this report contains confidential and proprietary information of Power Integrations and its manufacturing partners. By receiving this report, the customer agrees to use this information for the sole purpose of addressing the issues reviewed in this report and to keep the contents confidential. If it becomes necessary for the customer to disclose this information to a third party, a non-disclosure agreement, which provides reasonable and customary protection for the disclosed information, must be executed.

**PRODUCTS AFFECTED**

SID1132K, SID1152K, SID1182K, SID1183K

**QUALIFICATION STATUS**

Not Applicable

**EFFECT ON CUSTOMER**

No adverse impact is expected in manufacturers' applications. The product will be guaranteed to meet the updated datasheet limits.

**EFFECTIVE DATE**

Immediate. Neither change in the manufacturing processes bill of materials of the products.

**SAMPLE AVAILABILITY**

Not Applicable

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**CUSTOMER ACKNOWLEDGEMENT**

Power Integrations requests you acknowledge the receipt of the above-mentioned PCN. If no acknowledgment is received within 30 days of this notification, Power Integrations will assume the change is acceptable. Lack of any additional response within 90 days of this notification further constitutes acceptance of the change.

Power Integrations reserves the right to ship either version manufactured after the effective date until the inventory of the earlier version has been depleted.

If you have any questions or need further assistance, please contact your regional Power Integrations sales office. Otherwise, please check the box below, acknowledging the receipt of the PCN.

**The indicated Product/Process Change Notification was received by the undersigned authority.**

Name/Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Email Address/Phone#: \_\_\_\_\_

Company/Location: \_\_\_\_\_

**CUSTOMER COMMENTS**

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Please email this signed form to [pcn@power.com](mailto:pcn@power.com) specifying the PCN# in the subject.

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