

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

Supply Current (Primary-Side)	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

Supply Current (Primary-Side)	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.

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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

Please email this signed form to pcn@power.com specifying the PCN# in the subject.

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