

## > Product Change Notification (PCN)

<b>Product group:</b>	<b>SEMIPACK</b>	<b>Rev.:</b>	<b>0</b>
<b>No.:</b>	<b>PN19-093</b>	<b>Change of the gate bonding wire for SEMIPACK1 6th generation</b>	<b>01 Oct 2019</b>

Dear valued partner,

Thank you for using SEMIKRON products. Within our continuous improvement activities we are working to enhance performance, quality and reliability of our products. This notification is to inform you of a relevant change.

We would like to express our sincere appreciation for your cooperation regarding the following changes and want to assure you that SEMIKRON will work closely with you to support your requirements during this transition.

Please respond to this notification by indicating your decision on the below approval form, sign it and return it to your SEMIKRON sales partner before 01 Nov 2019.

**Subject of change:** New thyristor gate bonding wire and gate chip metallization

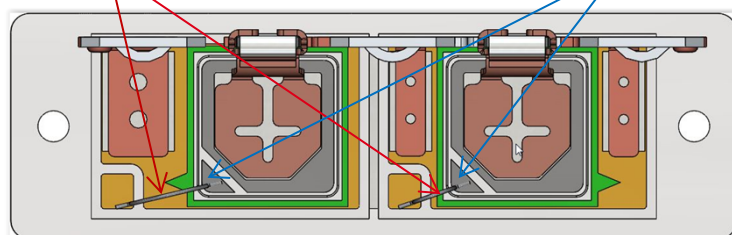
**SEMIKRON product type:** SKKH 107/16 E, SKKH 58/16 E, SKKT 107/16 E, SKKT 107B16 E, SKKT 58/16 E, SKKT 58B16 E

**Description of change:** Change of the gate bonding wire thickness and material:

- Current bonding wire: diameter 0,3 mm, Al
- New bonding wire: diameter 0,15 mm, Ag

Along with the gate wire the thyristor gate metallization layer will be changed from aluminium to silver terminated layer. With this change the cathode and gate area metallization will be unified.

Gate bonding wire                      Gate chip metallization



<b>Reason for change:</b>	Production process streamlining (chip)
<b>Impact of change:</b>	Thyristor gate bonding wire, thyristor chip gate metallization
<b>Identification of change:</b>	Traceable by date code
<b>Time schedule for change:</b>	Introduction in production scheduled for the end of Q1/2020
<b>Last time order date:</b>	-
<b>Last time delivery date:</b>	-
<b>Qualification:</b>	Concluded and passed in accordance with SEMIKRON standards
<b>Supporting documentation:</b>	Qualification report available upon request

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- **Please respond to this notification by returning the attached customer approval form to your local sales partner.**
- **According to the standard J-STD-046 no response to this notification within 30 days after receipt constitutes acceptance of the change.**

**Products Affected:**

The following table shows the affected products and the last transactions (orders, frame orders or quotations), where available with customer part number, order or quote request reference, product quantity and date of transaction.

Part No.	Variant	Article Description	Successor Part No.	Transaction Type	Customer Reference	Document Date	Quantity	Customer Part No.
07890592		SKKH 107/16 E SPa 1.6 by SKSK		Order	955589	12/12/2016	12	

**Customer Approval Form for PN19-093 Rev. 0**

**Please check the appropriate box below:**

- We agree with this proposed change and its schedule.
- We have objections:

**Billing address:**

Company: Newark

Name:

Address: 217 Wilcox Avenue

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SC 29341  
Gaffney  
United States

Signature:

Date:

Customer No.: SKD32277

Supplier No. : 01401

**Signature/approval authority different from billing address?**

**Yes**

Company:

Name:

Address:

Signature:

Date:

**Please return to your local SEMIKRON sales contact:**

Name: Price, Daniel

Phone: 603-965-6646

E-mail: Daniel.Price@semikron.com

Fax: -