

## PRODUCT / PROCESS CHANGE NOTIFICATION

### Generic Copy

**PCN#2206002**

• DATE: 15<sup>th</sup> June, 2022

**PCN Subject: Production site change of bonding wire**

• **PCN Change Category:**

- Material**                       **Process**                       **Datasheet/Specification**  
 **Reliability**  
 **Others (    Change to new production site    )**

• **Description of Change Purpose or Reason:**

This PCN is being issued to notify customers the change of production site of bonding wire. The production site of bonding wire from "Heraeus Oriental Hitec Co., Ltd in Korea" will be transferred to "Heraeus(Zhaoyuan) Precious Metal Materials Co., Ltd" in China. For more detail, please check below change information.

We recommend that you acknowledge receipt of this notification within 30 days of this PCN date. If you require samples for further evaluation, please feel free to contact your local sales representative and make a request. We are always pleased to serve you at any time.

● **Change Information:**

Silver Bonding wire	From (Current)	Change to (New)
Supplier Name	Heraeus Oriental Hitec Co., Ltd	Heraeus(Zhaoyuan) Precious Metal Materials Co., Ltd
Production Site Location	Korea	China

● **Verification /Qualification Data:**

The electrical characterization and high reliability testing have been completed on representative part numbers to ensure there is no change to device functionality or electrical specifications in the datasheet. There will be no change to the Form, Fit, or Function of products affected.

● **Affected Product Type :** Refer to below Table 1

● **Effective Date :** 15<sup>th</sup> September, 2022

➤ **The reliability test results are summarized below:**

Product reliability test result: PASS

No.	DESCRIPTION	TEST CONDITION	DURATION	FAILURE RATE	
1	Temperature Cycling (TCT)	Ta = -55°C~ +150°C ( 2 cycles / Hour )	1000 CYCLES	0/77 PCS	3 LOTS PASS
2	High Temperature Storage Test (HTSL)	Ta = 150°C	1000 HOURS	0/77 PCS	3 LOTS PASS
3	Resistance to Solder Heat (RSH)	Temperature of solder pot = 260+5/-0°C Time for dipping in solder = 10 ±1 Sec	1 CYCLE	0/30 PCS	3 LOTS PASS

• **ELECTRICAL CHARACTERISTICS SUMMARY:**

There is no change to the product electrical specifications.

• **SAMPLES NEED :**

Contact your local PANJIT sales representative.

• **TECHNICAL CONTACT :**

E-mail: alanliu@panjit.com.tw

• **FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**

Contact your local PANJIT sales representative.

• **ADDITIONAL RELIABILITY :**

Contact your local PANJIT sales representative.

• **CHANGED PART IDENTIFICATION :**

The tracking of 1<sup>st</sup> delivery after change can be identified by production lot number. Please contact your local sales for tracking lot number.

Please refer to below Lot number rule:

Lot number: **2924XXXXX**.

1st digit "2" denotes Year 2022.

2nd digit "9" denotes September.

3rd and 4th digits denote Day.

From 5<sup>th</sup> digits (XXXXX) denotes production serial number.

● **Table 1 : Affected Product Type**

Function: MOSFET					
PJX138K	PJX8839	PJX8872B	PJE138K	PJE8472B	PJX8828
PJE138L	PJX8838	PJX138L	PJE8407	PJX8603	PJE8428
PJX8812	PJX8858	PJX8807	PJE138K-NC	PJX8808	PJE8408
AZPJX8808	PJE8438	AZPJX8601	PJX138KA	PJX8601	PJX8802
PJE8412	PJE8439				
Function: SCHOTTKY					
BAT54FN2	SBA0520Q	1SS417FN2	SBA0530Q	SBA0540Q	RB720M-30
BAT54TS	RB520S40	NSR0520	BAT54TSNV	BAT54TM	RB751S40X
RB751S40	BAT43W	BAT42W	BAS40TS	RB520S40-NC	RB720M-30-SA
RB520S30	RB720M-30-S	1SS417TM	SB0130M	BAT54TB6	BAT54STB
BAT54RTB	BAT54TB	BAT54CTB	BAT54ATB	RB731U	
Function: Small Signal Switching Diodes					
MMBD4148FN2	BAV3004W	MMBD3004BRM	BAS16VTB6	MMBD3004S	BAV99TB
BAW56TB	BAV70TB	BAV99STB6	MMBD3004C	MMBD3004A	
Function: Bipolar Junction Transistors					
MMBTA42	BC857BS	BC858C	MMBT3906W	MMBT4403W	MMDT2227A
MMBT2222AW-NC	BC847B	MMBTA92	MMBT3904	BC846BW	BC817-25W
MMDT2222A	BC817DPN	BC849B	AZMMBT4401	MMBT3904H	MMBT3906
BC846AS	MMDT3904	MMDT3946	BC807-40	MMBTA05	MMBT5401
MMDT4403	BC847C	BC856A	BC847CW	MMBTA06W	BC856BS
MMBT2907AW	BC846BPN	BC847BPN	BC847CPN	BC847BW	BC846APN
BC817DS-25	BC857B	BC859C	MMBTA55	MMBT2222AW	BC807-16
BC848C	MMBT2907A	2SB1197A	BC807-25W	MMBT3904W	BC857CS
MMDT3906	BC858A	MMDT3904TB6	BC850C	MMBT2222A	BC848B
MMBT3906H	BC847AW	2SD1781A	MMBT2222ATB	MMBTA42W	MMBTA92W
BC817-16W	BC858B	MMBT4403	MMBT3904WH	MMDT2222ATB6	BC849CW
BC817-40W	BC807-40W	BC846AW	MMDT4401	BC857C	BC807-25
MMBTA06	MMBTA56	MMBT4401	BC817-25	BC858BW	BC847BS
BC848BW	BC849C	BC857CW	BC856B	BC817-16	BC847A
MMBT2222AH	BC846B	MMBTA92W-NC	BC857A	BC850B	BC847CS
BC847AS	BC817-40	BC848CW	DMMT3904W	BC846BS	BC807-16W
MMBT4401W	BC859B	BC846A	MMDT2907AQ	BC857BW	BC856BW
MMBTA44	BC857AW	BC850BW			
Function: ESD Protection					
PJSD05FN2	PJE7V0M3FN2	PJSD05MLFN2	PJSD05LCFN2	PJEC3V3M1FN2	PJEC5V0M1FN2
PJEC5V0V6FN2	PJE36VM2FN2	PJE24VM5FN2	PJSD05LFN2	PJEC5V0M2FN2	PJEC3V3M3FN2
PJEC28VV5FN2	PJE28VM2FN2	PJLED36FN2	PJSD15	PJSD05CTS	PJSD05TM
PJSD15TS	PJSD05MLTM	PJSD05	PJSD05TS	PJSD03W	PJSD36W-NC
PJSD24W	PJEC5V0V6WS	PJSD05TS-02	PJSD03TM	PJSD03LCTS	PJEC5V0V6TM
PJSD15W	PJSD03TS	PJSD36TS-NC	PJSD07TM	PJE28VM2TS	PJSD24TS
PJSD36TS	PJSD24	PJSD12W	PJSD12TS	PJSD05W	PJSD05CTM
PJEC5V0M1TM	PJSD07TS	PJSD08TS	PJSD12	PJSD08W	PJEC5V0M1TS
PJSD12TM	PJSD36W	PJEC5V0V6TS	PJSD15TM	PJSD05TM-NC	PJSD05LCTS
PEC3547C3A6	PJMBZ5V6	PJSOT05C-03	PJSOT24C	PJSOT36C-05	PJEC5V0V6TB
PJESD6V8LC-2W	PJSOT05CW	PJESDA5V6-4LCG	PJSOT24	PJESDA5V6-5G	PJSOT12C
PE4136C2A	PJSOT12C-05	PJESD5V6LC-4W	PJEC5V0V6W	PJMBZ27V	PJUSB208
PJEC5V0M1TA	PJEC5V0V6TA	PJSOT15C-05	PJSOT03C	PJESD6V8LC-4W	PJDLC05C-02TB
PJSOT03	PJESDA6V8-5LCG	PJSDC15	PJESDA6V8-5G	PJ4L40W6	PJSOT05C-05
PJSOT36	PJCF05LC	PJMBZ27V-TX	PJSOT24CW	PJMBZ15V	PJESDA6V8-4G
PJSOT05	PJSOT15C	PJGL12	PJSOT03C-05	PJSMS15	PJMBZ6V8
PJESDA5V6-4G	PJSOT24C-05	PJSOT05C	PJESDA6V8-4LCG	PJSDA6V1W5	PJSOT08C-05
PJEC5V0V3TB	PJMBZ6V2	PJSOT08C	PJGL05	PJUSB05-4	PJGL24
PJCF24LC	PJSOT08	PJDLC03	PJEC5V0V3W	PJSDA5V2W5	PJSOT05C-02
PJSOT12	PJSMS05	PJSOT24C-03	PJSOT36C	PJUSB208H	
Function: Ultra Fast Recovery Rectifiers					
U01501BRM					
Function: ZENER Diodes					
BZT52-C2V4FN2	BZT52-B5V6FN2	BZT52-B5V1FN2	MMSZ4690TS	STZ23C5V6	



## Customer Acknowledgement Form



(To be filled out by the customer and returned to HQBU of PANJIT)

The indicated Customer Notification letter was received and acknowledged by the undersigned authority.

Company Name : \_\_\_\_\_

Customer Name : \_\_\_\_\_(Signature) Date:\_\_\_\_\_

PCN number: PCN# 2206002 \_\_\_\_\_

Approval for the Product/Process change: Yes No

Comments/Additional requests:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Thanks for your attention on this matter. Please return the acknowledgment form to your local PANJIT sales representative.

Please note that no objection within 30 days upon receiving will be deemed as being accepted and agreed with this Process Change Notification.