

PRODUCT / PROCESS CHANGE NOTIFICATION Generic Copy

F	PCN#2206003-A	• DATE: 23 rd June, 2022	
PCN Subject: Wafer Manufacturing Site Change			
PCN Change Categ	jory:		
Material	Process	Datasheet/Specification	
Reliability			
Others ()	

• Description of Change Purpose or Reason:

This PCN is issued to notify customers that our foundry fab "PHENITEC SEMICONDUCTOR Corp." will transfer wafer manufacturing site from "HQ Fab" to "1st Fab" which both sites are located in Okayama, Japan. For selected devices, the wafer diameter changed from 5" to 6". 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:

Table	Table 1		Table 2	
Comparison	From (Existing)	Change to (New)	From (Existing)	Change to (New)
Wafer Foundry	PHENITEC SEMICONDUCTOR Corp.		PHENITEC SEMICONDUCTOR Corp.	
Manufacturing site	HQ Fab	1st Fab	1st Fab	
Wafer Diameter (inch)	5"	6"	5"	6"
Die Size(mil)				
Die thickness(um)	No change		No change	
Topside Metal				
Backside Metal				

• 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:

Table 1: Manufacturing site transfer from Phenitec's HQ Fab to 1st Fab & wafer diameter from 5" to 6".

Function: TRANSISTOR				
2SCA44W-AU				
Table 2: Change from 5" to 6" wafer diameter at Phenitec's 1st Fab.				

Function: TRANSISTOR

PBHV8110DW-AU	PBHV9110DW-AU	PBHV9110DA-AU	PBHV8110DH-AU	PBHV9110DH-AU
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• Effective Date : 23rd December, 2022



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 1st 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: 2924XXXX.

1st digit "2" denotes Year 2022. 2nd digit "9" denotes September. 3rd and 4th digits denote Day.

From 5th digits (XXXXX) denotes production serial number.



Customer Acknowledgement Form

(To be filled out by the cus	stomer and returned to HQBU of PA	NJIT)
The indicated Customer Notification letter authority.	was received and acknowledged by	the undersigned
Company Name:	_	
Customer Name:	_(Signature) Date:	-
PCN number: PCN#2206003-AU		_
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.

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