PRODUCT / PROCESS CHANGE NOTIFICATION Generic Copy

PCN	#2203009	•	DATE: 17 th March, 202		
PCN Subject: Additional wafer source for MOSFET products					
PCN Change Category:	PCN Change Category:				
■ Material □ Pr	ocess	□ Datas	heet/Specification		
☐ Reliability					
☐ Others ()			
Description of Change Purpo	se or Reaso	n:			
This PCN is being issued to no	otify customer	rs that in ord	der to assure continuity		
of supply, PANJIT has qualified ac	dditional wafe	r source "R	A TEK CO., LTD." for		
selected devices of MOSFET prod	ducts. For mo	re detail, ple	ease refer to below		
change information.					
We recommend that you acknow	wledge recei	pt of this no	tification within 30 days		
of this PCN date. If you require sa	mples for furt	her evaluati	ion, 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.

Supplier	Current	Add	
	POTENS SEMICONDUCTOR CORP.	RA TEK CO., LTD.	
Die Size (mil)	36.2 x 29.5	35.5 x 23.7	

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

Function: MOSFET				
PJQ2460	PJQ4460AP	PJW5N06A	PJD11N06A	PJD6N10A
PJA3460	AZPJA3460			

• Effective Date: 17th June, 2022

The reliability test results are summarized below:

Product reliability test result: PASS

No.	DESCRIPTION	TEST CONDITION	DURATION	FAILUR	E RATE
1	Temperature Cycling (TCT)	Ta = -55°C~ +150°C (2 cycles / Hour)	1000 CYCLES	0/77 PCS	2 LOTS PASS
2	High Temperature Storage Test (HTSL)	Ta = 150°C	1000 HOURS	0/77 PCS	2 LOTS PASS
3	Resistance to Solder Heat (RSH)	Temperature of solder pot = $260+5/-0^{\circ}$ C Time for dipping in solder = 10 ± 1 Sec	1 CYCLE	0/30 PCS	2 LOTS PASS
4	High Temperature Reverse Bias (HTRB)	Ta=150°C , VR=80%VB, DC supply	1000 HOURS	0/77 PCS	2 LOTS PASS
5	High Temperature Gate Bias (HTGB)	Tj ≤ Tj max , 100% Vgs	1000 HOURS	0/77 PCS	2 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 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: 2924XXXXX.

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.



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Customer Acknowledgement Form

(To be filled out by the customer and returned to HQBU of PAN.IIT)

(10 be filled out by the cus	tomer and retained to right or r	/ (((())
The indicated Customer Notification letter authority.	was received and acknowledged	by the undersigned
Company Name :	_	
Customer Name :	(Signature) Date:	
PCN number: PCN# 2203009		
Approval for the Product/Process change	:	
Comments/Additional requests:		
Thanks for your attention on this matter. F PANJIT sales representative.	Please return the acknowledgmen	t form to your local
Please note that no objection within 30 da and agreed with this Process Change Not	, ,	as being accepted