

## PRODUCT / PROCESS CHANGE NOTIFICATION

### Generic Announcement

**PCN#2604005-AU-1** • DATE: 27<sup>th</sup> April, 2026

**PCN Subject: Additional Wafer Source for General Purpose Rectifiers Products**

• **PCN Change Category:**

- Material**                       **Process**                       **Data sheet / Specification**  
 **Reliability**  
 **Others ( Additional Wafer Source )**

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

PANJIT International Inc. is committed to ensuring supply chain continuity and international regulatory compliance. Following the Council of the European Union's adoption of Common Foreign and Security Policy (CFSP) Decision 2026/504 on April 23, 2026, which imposed restrictive measures on certain entities, including our former wafer supplier, Yangzhou Yangjie, PANJIT has taken proactive measures.

To eliminate compliance risks for our European customers (such as automotive OEMs and Tier 1 suppliers) and to prevent the "indirect provision of economic resources" to sanctioned entities, we have qualified Anhui Anxin Electronic Technology Co., Ltd. as an additional wafer source. For products manufactured at the Kaohsiung, Taiwan assembly site using this new source, we have changed the Part Number from Part Number\_Rx\_00xxx to Part Number\_Rx\_007Y7. The specific Part Number has been assigned for precise tracking and compliance assurance.

● **Change Information:**

	Current	Add
Wafer Supplier	Yangzhou Yangjie Electronic Technology Co.,Ltd.	Anhui Anxin Electronic Technology Co., Ltd.
Wafer Manufacturing Site	Yangzhou, China	Chizhou, China
Part Number (PART NO.)	Part Number_Rx_00xxx	Part Number_Rx_007Y7
Assembly Site	Kaohsiung, Taiwan	
Product Function	General Purpose Rectifiers	
Wafer Size(inch)	5"	

● **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.

● **Effective Date** : 27<sup>th</sup> October, 2026

● **Affected Products:**

Function	Package	Part Number (Current)	Part Number (Add)	
<b>General Purpose Rectifiers</b>	SMAF-C	GS1GAFC-AU_R1_000A1	GS1GAFC-AU_R1_007Y7	
		GS1JAFC-AU_R2_000A1	GS1JAFC-AU_R2_007Y7	
		GS1KAFC-AU_R1_000A1	GS1KAFC-AU_R1_007Y7	
		GS1MAFC-AU_R1_000A1	GS1MAFC-AU_R1_007Y7	
	SOD-123FL	GS1000FL-AU_R1_000A1	GS1000FL-AU_R1_007Y7	
		GS1001FL-AU_R1_000A1	GS1001FL-AU_R1_007Y7	
		GS1002FL-AU_R1_000A1	GS1002FL-AU_R1_007Y7	
		GS1002FL-AU_R2_000A1	GS1002FL-AU_R2_007Y7	
		GS1004FL-AU_R1_000A1	GS1004FL-AU_R1_007Y7	
		GS1004FL-AU_R2_000A1	GS1004FL-AU_R2_007Y7	
		GS1006FL-AU_R1_000A1	GS1006FL-AU_R1_007Y7	
		GS1006FL-AU_R2_000A1	GS1006FL-AU_R2_007Y7	
		GS1008FL-AU_R1_000A1	GS1008FL-AU_R1_007Y7	
		GS1008FL-AU_R2_000A1	GS1008FL-AU_R2_007Y7	
		GS1010FL-AU_R1_000A1	GS1010FL-AU_R1_007Y7	
		GS1010FL-AU_R2_000A1	GS1010FL-AU_R2_007Y7	
		SOD-123HE	GS1004HE-AU_R1_000A1	GS1004HE-AU_R1_007Y7
			GS1006HE-AU_R1_000A1	GS1006HE-AU_R1_007Y7
	GS1010HE-AU_R1_000A1		GS1010HE-AU_R1_007Y7	
	GS2004HE-AU_R1_000A1		GS2004HE-AU_R1_007Y7	
	GS2004HE-AU_R2_000A1		GS2004HE-AU_R2_007Y7	

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

Product reliability test result: PASS

No.	DESCRIPTION	TEST CONDITION	DURATION	FAILURE RATE
1	High Temperature Reverse Bias (HTRB)	T <sub>J</sub> = T <sub>J</sub> max, V = 100%V <sub>R</sub> , DC supply	1000 HOURS	
2	Temperature Cycling (TCT)	T <sub>a</sub> = -55°C ~ +150°C ( 2 cycles / Hour )	1000 CYCLES	
3	Autoclave (AC)	T <sub>a</sub> = 121°C, P = 15psig , 100%RH	96 HOURS	
4	Intermittent Operational Life (IOL)	ΔT <sub>J</sub> ≥ 100°C Power On: 120 sec Power Off: 120 sec	15000 CYCLES	
5	Resistance to Solder Heat (RSH)	Temperature of solder pot = 260 +5/-0 °C Time for dipping in solder = 10 ±1 Sec	1 CYCLE	
6	Solderability (SD)	Temperature of solder pot = 245 ± 5°C Time for dipping in solder = 5 ± 0.5 Sec	1 CYCLE	
7	High Humidity High Temp. Reverse Bias(H <sup>3</sup> TRB)	T <sub>a</sub> = 85°C +/-2°C RH = 85% +/-5% V = 80%V <sub>R</sub> DC Supply	1000 HOURS	

● **ELECTRICAL CHARACTERISTICS SUMMARY:**

There is no change to the product electrical specifications.

● **SAMPLES REQUEST :**

Contact your local PANJIT sales representative.

● **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: **6O24XXXXX**.

1st digit "6" denotes Year 2026.

2nd digit "O" denotes October.

3rd and 4th digits denote Day.

Lot number: **6 O 2 4 X X X X X**

1st digit "6" denotes Year 2026.

2nd digit "O" denotes October.

3rd and 4th digits denote Day.

Denotes the production serial number.



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## Customer Acknowledgement Form

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 (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# 2604005-AU-1

Approval for the Product/Process change: Yes No

Comments/Additional requests:

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

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

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

Function	Package	Type	杰利晶片料號(Before)
GENERAL	SMAF-C	GS1GAFC-AU	GS1GAFC-AU_R1_000A1
GENERAL	SMAF-C	GS1JAFC-AU	GS1JAFC-AU_R2_000A1
GENERAL	SMAF-C	GS1KAFC-AU	GS1KAFC-AU_R1_000A1
GENERAL	SMAF-C	GS1MAFC-AU	GS1MAFC-AU_R1_000A1
GENERAL	SOD-123FL	GS1000FL-AU	GS1000FL-AU_R1_000A1
GENERAL	SOD-123FL	GS1001FL-AU	GS1001FL-AU_R1_000A1
GENERAL	SOD-123FL	GS1002FL-AU	GS1002FL-AU_R1_000A1
GENERAL	SOD-123FL	GS1002FL-AU	GS1002FL-AU_R2_000A1
GENERAL	SOD-123FL	GS1004FL-AU	GS1004FL-AU_R1_000A1
GENERAL	SOD-123FL	GS1004FL-AU	GS1004FL-AU_R2_000A1
GENERAL	SOD-123HE	GS1004HE-AU	GS1004HE-AU_R1_000A1
GENERAL	SOD-123FL	GS1006FL-AU	GS1006FL-AU_R1_000A1
GENERAL	SOD-123FL	GS1006FL-AU	GS1006FL-AU_R2_000A1
GENERAL	SOD-123HE	GS1006HE-AU	GS1006HE-AU_R1_000A1
GENERAL	SOD-123FL	GS1008FL-AU	GS1008FL-AU_R1_000A1
GENERAL	SOD-123FL	GS1008FL-AU	GS1008FL-AU_R2_000A1
GENERAL	SOD-123FL	GS1010FL-AU	GS1010FL-AU_R1_000A1
GENERAL	SOD-123FL	GS1010FL-AU	GS1010FL-AU_R2_000A1
GENERAL	SOD-123HE	GS1010HE-AU	GS1010HE-AU_R1_000A1
GENERAL	SOD-123HE	GS2004HE-AU	GS2004HE-AU_R1_000A1
GENERAL	SOD-123HE	GS2004HE-AU	GS2004HE-AU_R2_000A1

安芯晶片料號(After)
GS1GAFC-AU_R1_007Y7
GS1JAFC-AU_R2_007Y7
GS1KAFC-AU_R1_007Y7
GS1MAFC-AU_R1_007Y7
GS1000FL-AU_R1_007Y7
GS1001FL-AU_R1_007Y7
GS1002FL-AU_R1_007Y7
GS1002FL-AU_R2_007Y7
GS1004FL-AU_R1_007Y7
GS1004FL-AU_R2_007Y7
GS1004HE-AU_R1_007Y7
GS1006FL-AU_R1_007Y7
GS1006FL-AU_R2_007Y7
GS1006HE-AU_R1_007Y7
GS1008FL-AU_R1_007Y7
GS1008FL-AU_R2_007Y7
GS1010FL-AU_R1_007Y7
GS1010FL-AU_R2_007Y7
GS1010HE-AU_R1_007Y7
GS2004HE-AU_R1_007Y7
GS2004HE-AU_R2_007Y7