



PROCESS CHANGE NOTICE (PCN)		
PCN Number:	<b>PCN-23027</b>	Means of distinguishing changed devices: <input checked="" type="checkbox"/> Product Mark: <input type="checkbox"/> Back Mark <input type="checkbox"/> Date Code <input type="checkbox"/> Other  Attachment: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Date Issued:	October 3, 2023	
Date Effective:	October 3, 2023	
Date Issued (+90 days):	January 3, 2024	

**Product(s) Affected:**

Product	MM#	SPEC#	Package
PEF31001VSV12	950950	SLLU4	VQFN-44
PEF31001VSV13	95X950	SLLX4	VQFN-44
PEF32001VSV12	950949	SLLU3	VQFN-44
PEF32001VSV13	95X949	SLLX3	VQFN-44

**Description of Change:**

MaxLinear has qualified ASE Kaohsiung (ASEKH) as an additional assembly line for the products listed above.

There is no change to product datasheet, form, fit, function, or reliability.

**Purpose of Change:**

Additional assembly capacity

**Change Details:**

Item	Current	New/Additional
Mold Compound	G700LA	G631H
Datasheet	-	No change
Die technology	-	No change
Marking	Assembly Supplier Code -SPIL: "A" Assembly Supplier Code -JSCC: "K" Assembly Supplier Code-GTK: "Y"	Assembly Supplier Code - ASEKH "P"



**Reliability/Qualification Summary:**

- Hight Temperature Storage, JESD22-A103, 1000h, 150°C: 3lots, 30pcs / lot: PASS
- Temperature Cycling, JESD22-A104, 700x, -55°C/-125°C: 3lots, 30pcs / lot: PASS
- Unbiased HAST, JESD22-A118, 96h, 130°C, 85%r.h.: 3lots, 30pcs / lot: PASS
- MSL3, 3lots, 60pcs/lot: PASS

**Samples and Support**

Contact our Customer Support team by creating a support ticket at <http://www.maxlinear.com/support/createcase>

Phone: 1-760-692-0711

Customers are advised to acknowledge receipt of this notification within 30 days of delivery of the notice. Lack of acknowledgement within 30 days constitutes acceptance of this change without further action.

Please email this form to the contact above after completing the following information:

Customer: \_\_\_\_\_

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

Title: \_\_\_\_\_

Date: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

Approval for shipments prior to effective date

Customer Comments (Optional):