

Process Change Notification

This is to inform you that a design and/or process change will be implemented to the affected product(s) listed below. This notification requires your concurrence within 45 days upon receipt of this notification.

The plan change/s will take effect 90 calendar days from the date of this notification.

Please work with your local Taiwan Semiconductor Sales Representative to manage your inventory of unchanged/ existing product if your evaluation of this change will require more than 90 calendar days.

Please contact your local Taiwan Semiconductor Field Quality Service or Customer Quality Engineer within 45 days of receipt of this notification if you require any additional data or samples.

Change No: PCN25011 rev0

Title: Additional Test Site of SOD-123W, SOD-128 and TO packaged products

Issue Date: 2025/7/9

If you have any questions concerning this change, please contact:

Change Coordinator

Name :

E-Mail:

Phone:

PCN Originator

Name :

E-mail :

Phone:

Product Marketing

Name :

E-mail :

Phone:

Effectivity:

Expected 1st device shipment date: 2025/10/7 or earlier if approved by customer

Product Category (Description):

SOD123W, SOD-128, TO-220AB, TO-220AC, TO-263AB (D2-PAK), TO-220AC-2L packages.

Description of Change:

Taiwan Semiconductor Company qualified it's ILAN facility as an additional test site for devices in SOD123W, SOD-128, TO-220AB, TO-220AC, TO-263AB (D2-PAK), TO-220AC-2L packages. This change will enhance supply flexibility.

Package	Item	Current	Additional	Remarks
SOD-123W , SOD-128, TO-220AB, TO-220AC, TO-263-AB (D ² -PAK)	Assembly Site	Yangxin Everwell, Shandong, China	No change	Same Assembly Site
	Test Site		Taiwan Semiconductor, ILAN County, Taiwan	Additional Test Site
TO-220AC-2L	Assembly Site	gEM Electronics Co., Ltd, Shanghai, China	No change	Same Assembly Site
	Test Site		Taiwan Semiconductor, ILAN County, Taiwan	Additional Test Site

The change will not affect the form, fit and function. Device electrical specifications in datasheet will remain the same.

Identification and Traceability:

Product date code

List of Affected Devices:**SOD-123W**

BZD27C15PWH	SMF13A	SMF4L24AH	SMF4L6.5A	SS210LW
BZD27C18PW	SMF14A	SMF4L26A	SMF4L6.5AH	SS210LWH
BZD27C200PW	SMF15AH	SMF4L26AH	SMF4L60A	SS215LW
BZD27C22PWH	SMF24AH	SMF4L28A	SMF4L60AH	SS220LWH
BZD27C30PW	SMF33AH	SMF4L28AH	SMF4L64A	SS24LW
ES15JLW	SMF40A	SMF4L30A	SMF4L64AH	SS26LW
ES1DLW	SMF45A	SMF4L30AH	SMF4L7.0A	SS26LW-01HRQG
ES1DLWH	SMF4L10AH	SMF4L33A	SMF4L7.0AH	SS26LWH
ES1JLW	SMF4L11A	SMF4L33AH	SMF4L7.5A	SS310LW
ES1JLWH	SMF4L11AH	SMF4L36A	SMF4L7.5AH	SS310LWH
HS1MLW	SMF4L12A	SMF4L36AH	SMF4L70A	SS315LW
RS1DLW	SMF4L12AH	SMF4L40A	SMF4L70AH	SS320LWH
RS1JLW	SMF4L13A	SMF4L40AH	SMF4L75A	SS34LW
RS1JLWH	SMF4L13AH	SMF4L43A	SMF4L75AH	SS34LWH
RS1MLW	SMF4L14A	SMF4L43AH	SMF4L8.0A	SS36LW

SOD-123W

S15GLWH	SMF4L14AH	SMF4L45A	SMF4L8.0AH	SS36LWH
S1DLWH	SMF4L15A	SMF4L45AH	SMF4L8.5A	SSW2H100H
S1GLW-02HRVG	SMF4L15AH	SMF4L48A	SMF4L8.5AH	SSW2H40H
S1GLW-03HRQG	SMF4L16A	SMF4L48AH	SMF4L9.0A	SSW2H60H
S1GLWH	SMF4L16AH	SMF4L5.0A	SMF4L9.0AH	TSD1GLW
S1GLWH-02	SMF4L17A	SMF4L5.0AH	SS110LW	TSD1GLWH
S1GLWH-03	SMF4L17AH	SMF4L51A	SS110LWH	TSD1JLW
S1JLW-03HRQG	SMF4L18A	SMF4L51AH	SS115LW	TSD1JLWH
S1JLWH	SMF4L18AH	SMF4L54A	SS14LW	TSDGLWH
S1KLWH	SMF4L20A	SMF4L54AH	SS14LWH	TSSW3U45H
S1MLW	SMF4L20AH	SMF4L58A	SS14LWH-03	TSSW3U60H
S1MLW-04HRVG	SMF4L22A	SMF4L58AH	SS16LWH	UF1GLWH
S1MLWH	SMF4L22AH	SMF4L6.0A	SS1H20LW	UF1JLW
SMF10A	SMF4L24A	SMF4L6.0AH	SS1H4LW	UF1JLWH

SOD-128

ES2BFS	HS1QFSH	S3JFSH	SS315FSH	TSD2JFSH
ES2JFS	HS2DFS	SMA4S56AH	SS34FSH	TSD3GFS
ESH2DFS	PU2DFS	SMA6S30AH	SS54FSH	TSD3GFSH
ESH3DFS	PU3DFS	SMA6S51AH	SS56FSH	TSD3JFS
HS1DFS	RS2JFS	SMA6S56AH	TSD2GFS	TSD3JFSH
HS1JFS	RS2MFS	SS14FSH	TSD2GFSH	TSS83L45
HS1QFS	S2KFS	SS24FSH	TSD2JFS	

TO-220AB

GP1007	MBR10H200CT	MBR20H150CT	MUR1660CT	TST20102C
MBR10150CT	MBR20150CT	MBR20H200CT	SR10100	TST20122C
MBR10H100CT	MBR20200CT	MUR1620CT	TST10102C	TST30122C
MBR10H150CT	MBR2045CT	MUR1620CTH	TST10122C	TST40122C

TO-220AC

HERA808G	MBR10150	MBR1645	MBR760	SFA808G
HERA808GH	MBR1045	MBR7150	MUR820	SRA1640
MBR10100	MBR16100	MBR735	MUR840	
MBR10100H	MBR16150	MBR745	MUR860	

TO-220AC-2L

TSCDT06065G1	TSCDT08065G1	TSCDT10065G1	TSCDT12065G1	TSCDT16065G1
TSCDT20065G1				

TO-263AB (D²-PAK)

TLD26AH	TLD28AH	TLD30AH	TLD33AH	TLD35AH
TLD39AH	TLD42AH	TLD47AH	TLD50AH	TLD56AH
TLD68AH	TLD82AH			

Appendix: Marking and Labelling

Appendix A. Product Marking



P/N = Marking Code
YW = Date Code
F = Factory Code



P/N = Marking Code
G = Green Compound
YWW = Date Code
F = Factory Code

Use Factory Code: F

Factory Code (F)	Assembly Site	Test Site
Y	Yangxin Everwell, Shandong, China	Yangxin Everwell, Shandong, China
N	gEM Electronics Co., Ltd, Shanghai, China	gEM Electronics Co., Ltd, Shanghai, China
C	Yangxin Everwell, Shandong, China	Taiwan Semiconductor, ILAN County, Taiwan
E	gEM Electronics Co., Ltd, Shanghai, China	Taiwan Semiconductor, ILAN County, Taiwan

Sample Marking:

Y : Assy and Test Site in YEW



C : Assy in YEW and Test Site in ILAN



Appendix B. Label

Change in COO – Country of Origin

COO	Test Site	Test Site	Sample Label
CN	Yangxin Everwell, Shandong, China	gEM Electronics Co., Ltd, Shanghai, China	
TW	Taiwan Semiconductor, ILAN County, Taiwan		