



Integrated Device Technology, Inc.
6024 Silver Creek Valley Road, San Jose, CA - 95138

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: A1604-01	DATE: 3-May-2016	MEANS OF DISTINGUISHING CHANGED DEVICES: ☐ Product Mark ☒ Back Mark ☐ Date Code ☐ Other Lot # will have: "A" prefix for OSET, Taiwan
Product Affected: SSTUAF32865AHLF(T) 74SSTUBF32865ABKG(8) (built in CABGA-160)		
Date Effective: 3-Aug-2016		

Contact: IDT PCN DESK	Attachment: ☒ Yes ☐ No
E-mail: pcndesk@idt.com	Samples: Please contact your local sales representative for sample request.

DESCRIPTION AND PURPOSE OF CHANGE:

- | | |
|--|---|
| ☐ Die Technology | This notification is to advise our customers that IDT is adding OSET, Taiwan as an alternate assembly facility for parts that are currently assembled at Amkor Philippines. |
| ☐ Wafer Fabrication Process | |
| ☐ Assembly Process | There is no change to the moisture performance. |
| ☐ Equipment | |
| ☐ Material | Attachment I details the qualification results. |
| ☐ Testing | |
| ☒ Manufacturing Site | |
| ☐ Data Sheet | |
| ☐ Other | |

RELIABILITY/QUALIFICATION SUMMARY:

Refer to qualification data shown in Attachment I.

CUSTOMER ACKNOWLEDGMENT OF RECEIPT:

IDT records indicate that you require written notification of this change. Please use the acknowledgement below or E-Mail to grant approval or request additional information. If IDT does not receive acknowledgement within 30 days of this notice it will be assumed that this change is acceptable.

IDT reserves the right to ship either version manufactured after the process change effective date until the inventory on the earlier version has been depleted.

Customer: _____	☐ Approval for shipments prior to effective date.
Name/Date: _____	E-Mail Address: _____
Title: _____	Phone# /Fax# : _____

CUSTOMER COMMENTS:

IDT ACKNOWLEDGMENT OF RECEIPT:

RECD. BY: _____ DATE: _____



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ATTACHMENT I - PCN # : A1604-01

PCN Type: Manufacturing Site - Alternate Assembly Location

Data Sheet Change: None

No change in moisture sensitivity level (MSL)

Detail Of Change:

This notification is to advise our customers that IDT is adding OSET, Taiwan as an alternate assembly facility for parts that are currently assembled at Amkor Philippines.

The material set details of the current and alternate assembly location is as shown in Table 1.

There is no change to the moisture performance.

Table 1: Assembly Material Sets for The Existing and Alternate Assembly Location

	Existing Assembly (Amkor, Philippines)	Alternate Assembly (OSET, Taiwan)
Die Attach	2300	2300
Wire	Au wire	Au wire
Mold Compound	EME-G770	KE-G1250



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ATTACHMENT I - PCN # : A1604-01

Qualification Information and Qualification Data:

Affected Packages: CABGA-160

Assembly Material: Shown on page 2 of this attachment.

Qual Plan & Results: Tests are in accordance with JEDEC47 recommended tests.

Qualification Vehicle: CABGA-160

Test Description	Test Method	Test Results (Rej / SS)		
		Lot 1	Lot 2	Lot 3
* Temperature Cycling (-55°C to 125°C, 700 cycles)	JESD22-A104	0/25	0/25	0/25
* HAST - biased (130 °C/85% RH, 96 Hrs)	JESD22-A110	0/25	0/25	0/25
High Temperature Storage Bake (150°C, 1000 Hrs)	JESD22-A103	0/25	0/25	0/25
Bond Shear Test	JESD22-B116	0/5	0/5	0/5
Bond Pull Strength Test	Mils-Std-883, M2011	0/5	0/5	0/5
Moisture Sensitivity Level, MSL	J-STD-20 / MSL 3, 260 °C	0/25	0/25	-

* Tests were subjected to Preconditioning per JESD22-A113 prior to stress test