



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

PRODUCT/PROCESS CHANGE NOTICE (PCN)

PCN #: A0706-03	DATE: 6/30/2007	MEANS OF DISTINGUISHING CHANGED DEVICES: <input type="checkbox"/> Product Mark <input checked="" type="checkbox"/> Back Mark Lot # will have a "W" prefix <input type="checkbox"/> Date Code <input type="checkbox"/> Other
Product Affected: CVBGA-100 (Green/Standard) (See attached affected part # list)		
Date Effective: 9/30/2007		

Contact: Geoffrey Cortes Title: Product Quality Assurance Phone #: (408) 284-8321 Fax #: (408) 284-1450 E-mail: Geoffrey.Cortes@idt.com	Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Samples: Please contact your local sales representative for sample request & availability.
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DESCRIPTION AND PURPOSE OF CHANGE:

<input type="checkbox"/> Die Technology <input type="checkbox"/> Wafer Fabrication Process <input type="checkbox"/> Assembly Process <input type="checkbox"/> Equipment <input type="checkbox"/> Material <input type="checkbox"/> Testing <input checked="" type="checkbox"/> Manufacturing Site <input type="checkbox"/> Data Sheet <input type="checkbox"/> Other	<p>This notification is to advise our customers that IDT is adding AIT-Indonesia as an alternate assembly facility for CVBGA-100 standard and green plastic packages. There is no change to the moisture performance of these packages.</p> <p>Attachment I details the qualification data for this change and Attachment II shows the affected list of part numbers.</p>
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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: _____	<input type="checkbox"/> <i>Approval for shipments prior to effective date.</i>
Name/Date: _____	E-Mail Address: _____
Title: _____	Phone# /Fax# : _____

CUSTOMER COMMENTS: _____

IDT ACKNOWLEDGMENT OF RECEIPT:

RECD. BY: _____ DATE: _____



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ATTACHMENT I - PCN # : A0706-03

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 AIT-Indonesia as an alternate assembly facility for CVBGA-100 standard and green plastic packages using the assembly material set as listed in the tables under each group.

There is no change in the moisture sensitivity level (MSL).

Sample Availability:

Samples for each package type are available for customer evaluation, but may not be available for all devices.

Please contact your local IDT sales representative for your sample request and availability.



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ATTACHMENT I - PCN # : A0706-03

Qualification Information and Qualification Data:

Affected Packages: CVBGA-100 (BY/BYG100 packages)

Assembly Material: See Table below

Description	Existing	Add
Assembly Location	AMKOR-Philippines	AIT-Indonesia
Assembly Material	Die Attach: Ablestik 2300	2000B
	Wire: HP 1.0 mil	1.0 mil
	Mold Compound: EME-G770	EME-G760
	Substrate: BT	BT
	Solder Balls: Sn/Pb (standard) and Sn/Ag/Cu (green)	Sn/Pb (standard) and Sn/Ag/Cu (green)

Qualification Test Results:

Test Vehicle: CVBGA-144 (1 lot)

Test Description	Test Method	Test Results (SS/Rej)
* Temperature Cycling (Cond B, 1000 cycles)	JESD22-A104B	45/0
* HAST (130°C/85% RH, 100 hours)	JESD22-A110B	45/0
High Temperature Stabilization Bake (150 °C, 1000 hours)	JESD22-A103B	77/0

Notes: * Test requires moisture pre-conditioning sequence per JESD22-A113C.



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PRODUCT/PROCESS CHANGE NOTICE (PCN)

ATTACHMENT II - PCN # : A0706-03

Affected Part Number

Part Number	Part Number	Part Number	Part Number
IDT70P247L55BYGI	IDT70P248L55BYGI	IDT70P257L55BYGI	IDT70P258L55BYGI
IDT70P247L55BYI	IDT70P248L55BYI	IDT70P257L55BYI	IDT70P258L55BYI
IDT70P9268L50BYGI			

Notes: For T & R (shipping method) suffix "8" is added to the IDT part#