

FINAL PRODUCT CHANGE NOTIFICATION

PCN: PCN040041

DATE: August 22, 2004

Subject: PCN040041 - Change of wafer thickness from 11mils to 7mils for VFBGA packages assembled in CML Autoline

To:

Description of Change:

CML Autoline was initially qualified with 11 mils wafer thickness for the assembly of VFBGA packages. This notification is to inform you that CML Autoline is now qualified with 7 mils wafer thickness for VFBGA packages. The wafer thickness of VFBGA packages will be changed from 11 mils to 7 mils with no change in materials and moisture sensitivity level.

This change is being initiated to further improve package manufacturability and reliability. This change does not affect form, fit and function of the package.

Benefit of Change: This change will improve package manufacturability and reliability.

Part Numbers Affected:

Affected Parts: 231

Affected Part	Description
CY7C1011CV33-15BVCT	
CY7C1011CV33-15BVI	
CY7C1011CV33-15BVIT	
CY62167DV18L-55BVES	
CY62146DV30LL-70BVI	
CY62167DV18L-55BVEST	
CY62146DV30LL-70BVIT	
CY62147CV18LL-55BVI	
CY62126DV18LL-70BVI	
CY62147CV18LL-55BVIT	
CY62126DV18LL-70BVIT	
CY62147CV18LL-70BVI	
CY62126DV20L-55BVI	
CY62126DV20L-55BVIT	
CY62126DV20LL-55BVI	
CY62167DV18L-55BVI	
CY62167DV18L-55BVIES	

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CY62167DV18L-55BVIT	
CY62167DV18L-70BVI	
CY62147CV18LL-70BVIT	
CY62167DV18L-70BVIT	
CY62167DV30L-55BVIT	
CY62147CV25LL-55BVI	
CY62147CV25LL-55BVIT	
CY62167DV30L-70BVI	
CY62126DV20LL-55BVIT	
CY62147CV25LL-70BVI	
CY62167DV30L-70BVIT	
CY62126DV30L-55BVI	
CY62147CV25LL-70BVIT	
CY62167DV30LL-55BVI	
CY62147DV30L-55BVI	
CY62126DV30L-55BVIT	
CY62167DV30LL-55BVIES	
CY62147DV30L-55BVIT	
CY62126DV30L-70BVI	
CY62147DV30L-70BVI	
CY62126DV30L-70BVIT	
CY62147DV30L-70BVIT	
CY62147DV30LL-55BVI	
CS6061AT	
CS6061ATT	
CY62167DV18LL-55BVI	
CY62167DV18LL-55BVIES	
CY62167DV18LL-55BVIT	
CY62167DV18LL-70BVI	
CY62147CV30LL-55BVI	
CY62167DV18LL-70BVIES	
CY62147CV30LL-55BVIT	
CY62167DV30LL-55BVIT	
CY62147CV30LL-70BVES	
CY62167DV30LL-70BVES	
CY62126DV30LL-55BVI	
CY62147CV30LL-70BVEST	
CY62167DV30LL-70BVEST	
CY62126DV30LL-55BVIT	
CY62147CV30LL-70BVI	
CY62167DV30LL-70BVI	

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CY62147DV30LL-55BVIES	
CY62126DV30LL-70BVI	
CY62167DV30LL-70BVIES	
CY62147DV30LL-55BVIT	
CY62126DV30LL-70BVIT	
CY62147DV30LL-70BVI	
CY2XP304BVCT	
CY62147DV30LL-70BVIT	
CY62148CV25LL-55BVI	
CY62167DV18LL-70BVIT	
CY62167DV20L-55BVI	
CY62167DV20L-55BVIT	
CY62167DV20L-70BVI	
CY62147CV30LL-70BVIT	
CY62167DV20L-70BVIT	
CY62147CV33LL-55BVI	
CY62167DV30LL-70BVIT	
CY62147CV33LL-55BVIT	
CY62168DV30L-55BVIT	
CY62147CV33LL-70BVI	
CY62168DV30L-70BVI	
CY62147CV33LL-70BVIT	
CY62168DV30L-70BVIT	
CY62148CV25LL-55BVIT	
CY62168DV30LL-55BVI	
CY62148CV25LL-70BVI	
CY62148CV25LL-70BVIT	
CY62148CV30LL-55BVI	
CY62148CV30LL-55BVIT	
CY62167DV20LL-55BVI	
CY62167DV20LL-55BVIT	
CY62167DV20LL-70BVI	
CY62167DV20LL-70BVIT	
CY62147DV18LL-55BVI	
CY62167DV30L-55BVI	
CY62147DV18LL-55BVIES	
CY62168DV30LL-55BVIT	
CY62147DV18LL-55BVIT	
CY62168DV30LL-70BVI	
CY62147DV18LL-70BVI	
CY62168DV30LL-70BVIT	

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CY62147DV18LL-70BVIT	
CY62157DV18L-55BVES	
CY62148CV30LL-70BVI	
CY62157DV18L-55BVEST	
CY62148CV30LL-70BVIT	
CY62148CV33LL-55BVI	
CY62148CV33LL-55BVIT	
CY62148CV33LL-70BVI	
CY62157DV18L-55BVI	
CY62157DV18L-55BVIT	
CY62157DV18L-70BVES	
CY62157DV18L-70BVEST	
CY62148CV33LL-70BVIT	
CY62157DV18L-70BVI	
CY62148DV30L-55BVI	
CY62148DV30L-55BVIT	
CY62148DV30L-70BVI	
CY62148DV30L-70BVIT	
CY62157DV18L-70BVIT	
CY62157DV18LL-55BVES	
CY62157DV18LL-55BVEST	
CY62157DV18LL-55BVI	
CY62148DV30LL-55BVI	
CY62157DV18LL-55BVIT	
CY62148DV30LL-55BVIT	
CY62148DV30LL-70BVI	
CY62148DV30LL-70BVIT	
CY62136CV30LL-55BVI	
CY62157DV18LL-70BVES	
CY62157DV18LL-70BVEST	
CY62157DV18LL-70BVI	
CY62157DV18LL-70BVIT	
CY62136CV30LL-55BVIT	
CY62157DV20-70BVI	
CY62157DVLL-55BVI	
CY62136CV30LL-70BVI	
CY62158DV30L-55BVI	
CY62136CV30LL-70BVIT	
CY62158DV30L-55BVIT	
CY62158DV30LL-55BVI	
CY62137CV33LL-70BVI	

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CY62158DV30LL-55BVIES	
CY62137CV33LL-70BVIT	
CY62137CVLL-70BVI	
CY62137CVLL-70BVIT	
CY62137CVSL-70BVI	
CY62157DV20ALL-70BVI	
CY62157DV20L-55BVES	
CY62157DV20L-55BVI	
CY62157DV20L-70BVES	
CY62136CV30LL-70BVXIT	
CY62157DV20L-70BVEST	
WCMA2016V1X-55BVI	
CY62158DV30LL-55BVIT	
CY62136CV33LL-55BVI	
WCMA2016V1X-55BVIT	
CY62158DVLL-55BVI	
CY62136CV33LL-55BVIT	
CY62146CV18LL-55BVI	
CY62136CV33LL-70BVI	
CY62146CV18LL-55BVIT	
CY62136CV33LL-70BVIT	
CY62137CVSL-70BVIT	
CY62146CV18LL-70BVI	
CY62138CV25LL-55BVI	
CY62138CV25LL-55BVIT	
CY62138CV25LL-70BVI	
CY62138CV25LL-70BVIT	
CY62157DV20L-70BVI	
CY62157DV20L-70BVIT	
WCMA2016V1X-70BVI	
CY62157DV20LL-70BVES	
WCMA2016V1X-70BVIT	
CY62157DV20LL-70BVEST	
CYK256K16MCCBU-70BVI	
CY62136CVLL-70BVI	
CY62157DV30L-45BVIT	
CYK256K16MCCBU-70BVIT	
CY62146CV18LL-70BVIT	
CY62136CVLL-70BVIT	
CYK256K16SCCBU-70BVI	
CY62146CV30LL-55BVI	

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CY62137CV25LL-70BVI	
CY62146CV30LL-55BVIT	
CY62137CV25LL-70BVIT	
CY62146CV30LL-70BVI	
CY62137CV30LL-55BVI	
CY62138CV30LL-55BVI	
CY62146CV30LL-70BVIT	
CY62138CV30LL-55BVIT	
CY62138CV30LL-70BVI	
CY62138CV30LL-70BVIT	
CY62138CV33LL-55BVI	
CY62157DV30L-55BVI	
CY62157DV30L-55BVIT	
CYK256K16SCCBU-70BVIT	
CY62157DV30LL-55BVI	
CY7C1011CV33-10BVC	
CY62157DV30LL-55BVIES	
CY7C1011CV33-10BVCT	
CY62137CV30LL-55BVIT	
CY62157DV30LL-55BVIT	
CY7C1011CV33-10BVI	
CY62146CV33LL-55BVI	
CY62137CV30LL-70BVI	
CY7C1011CV33-10BVIT	
CY62146CV33LL-55BVIT	
CY62137CV30LL-70BVIT	
CY62146CV33LL-70BVI	
CY62137CV33LL-55BVI	
CY62146CV33LL-70BVIT	
CY62137CV33LL-55BVIT	
CY62138CV33LL-55BVIT	
CY62146DV30L-55BVI	
CY62138CV33LL-70BVI	
CY62138CV33LL-70BVIT	
CY62126BVLL-70BVI	
CY7C1011CV33-12BVC	
CY7C1011CV33-12BVCT	
CY7C1011CV33-12BVI	
CY7C1011CV33-12BVIT	
CY62146DV30L-55BVIT	
CY7C1011CV33-15BVC	

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CY62146DV30L-70BVI	
CY62146DV30L-70BVIT	
CY62146DV30LL-55BVI	
CY62126BVLL-70BVIT	
CY62146DV30LL-55BVIT	
CY62126DV18L-55BVI	
CY62126DV18L-55BVIT	
CY62126DV18LL-55BVI	
CY62126DV18LL-55BVIT	

Customer Part Numbers Affected:**Qualification Status:**

As per Cypress specified list of major changes, this change has been qualified through a series of tests identified in Qualification Test Plan (QTP) # 041502. The QTP closure report is attached to this PCN, and can also be found by going to www.cypress.com, typing the QTP number 041502 in the search window, and clicking 'Go'.

Sample Status:

Please request samples from your Cypress Sales Representative.

Approximate Implementation Date:

Parts will start to ship by October 2004.

Anticipated Impact:

There is no change in package materials or moisture sensitivity level.

Method Of Identification:

Devices bearing Date Code 0427 or later use 7mils wafer thickness.

Response Required:

Your company does not require written approval.

For additional information regarding this change, contact your local sales representative or by E-mail to pcn_adm@cypress.com

Sincerely,

FINAL PRODUCT CHANGE NOTIFICATION

Mae Abiera
PCN Process Manager