



# Product Change Notification

**Please respond to your distributor if you have any issues with the timeline or content of this change. No response from customers will be deemed as acceptance of the change and the change will be implemented pursuant to the key milestones set forth in this attached PCN.**

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## Product Change Notification

**Change Notification #:** 674

**Change Title:** Shipping Tray Modification for MQFP 160, and  
SQFP 208 Lead Products

**Date of PCN Publication:** July 10, 1998

### **Type of Change Notification:**

FYI (for-your-information)

### **Key Characteristics of the Change:**

Transport Media

### **Forecasted Key Milestones:**

Date of First Availability of Post-Conversion Material: August 10, 1998

Date of Last Shipment of Pre-Conversion Material: August 10, 1998

*The date of "Last Shipment of Pre-conversion Material" is an estimate based on projected depletion of inventory. This estimate is based on supply and demand at the time of PCN publication. Customers should be prepared to receive post-conversion material by the Customer Ready to Receive Post-Conversion Material Deadline.*

### **Description of Change to the Customer:**

Current shipping tray has an open area in the pocket that exposes product and causes bent or broken leads. This notification is to advise the customer that Intel will make a modification to the tray by adding a plastic rib to the bottom pocket area which will reduce lead damage. This modification does not affect the dimensions of the tray. With this modification the tray date code which is marked in the pocket area, becomes obscured; therefore, the date code which is used only for internal tracability, will be moved to the side floor of the tray.

Data from validation experiments shows this tray modification reduces lead damage by 57% .

### **Customer Impact of Change and Recommended Action:**

No perceived impact to customers. This change will reduce lead damage defects per million (DPM) for Intel and the customer.

### **Products Affected / Intel's Ordering Codes:**

See Attachment B for affected products

### **Reference Documents / Attachments:**

#### **Document:**

Tray Change Example  
Affected Product List

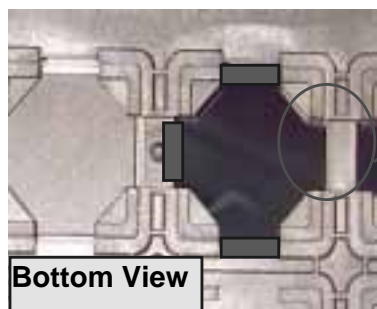
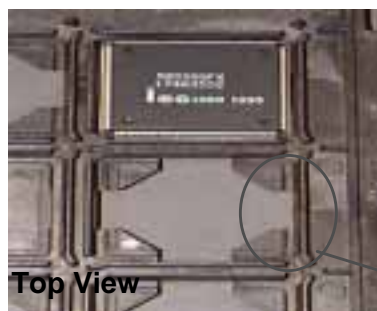
#### **Location:**

Attachment A  
Attachment B



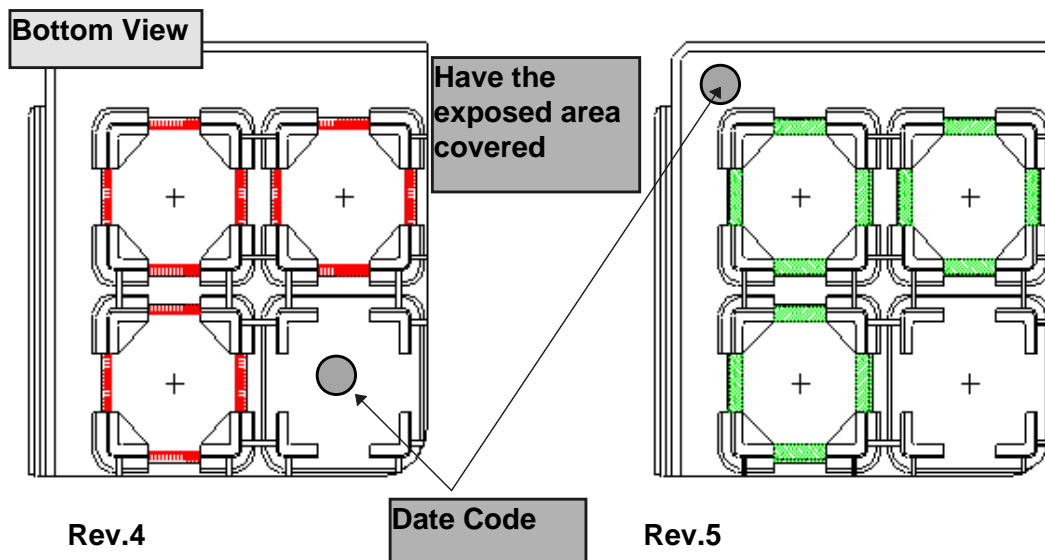
# Product Change Notification

## ATTACHMENT A



The area where lead is exposed from the tray bottom.

 Covered the area of exposure



- Date codes indicating tray manufacturing yy-ww-dd for traceability. In rev.4 tray, it's located at the center of bottom pocket, while it's placed on the side floor in rev.5.



## Product Change Notification

### ATTACHMENT B Affected Product List

PACKAGE/PIN	PRODUCT	SPEC/ROM	PACKAGE/PIN	PRODUCT	SPEC/ROM
QFP 160	AS83C196EA	Q 676	SQFP 208	SB80962JY25	Q 8161
QFP 160	AS83C196EA	R 2300	SQFP 208	SB80962JY25	Q 8162
QFP 160	AS83C196EA	R 2304	SQFP 208	SB80962JY33	
QFP 160	AS83C196EA	R 2312	SQFP 208	SB82371FB	S Z964
QFP 160	AS87C196EN		SQFP 208	SB82371FB	S Z997
QFP 160	AS87C196EN	810624	SQFP 208	SB82371SB	814527
QFP 160	AS87C196EN	R 6314	SQFP 208	SB82371SB	S U093
QFP 160	AS87C196EN	R 6319	SQFP 208	SB82380FB	Q 546
QFP 160	AS8EC196EA32	Q 701	SQFP 208	SB82380FB	S L23N
QFP 160	AS8EC196EA	Q 701	SQFP 208	SB82380PB	S U094
QFP 160	S80C196EA	816572	SQFP 208	SB82437FX66	S Z999
QFP 160	S82557	S L24Z	SQFP 208	SB82437FX	814526
QFP 160	S82595FX		SQFP 208	SB82437MX66	S U069
QFP 160	S87C196EN16	Q 651	SQFP 208	SB82437VX	S L28Z
QFP 160	S87C196EN	808171	SQFP 208	SB82437VX	S U116
QFP 160	S8EC196EA	817944	SQFP 208	SB82441FX	S U053
SQFP 208	SB80486DX2SC40	S X913	SQFP 208	SB82442FX	S U054
SQFP 208	SB80486DX2SC50	S X920	SQFP 208	SB82558B	S L2P4
SQFP 208	SB80486SXSC25	S X854	SQFP 208	SB82558	S L2LX
SQFP 208	SB80486SXSC33	Q 0488	SQFP 208	SC82360SLAHC1	S I38
SQFP 208	SB80486SXSC33	S I78	SQFP 208	SC82360SLAHC1	S X706
SQFP 208	SB80486SXSC33	S X855	SQFP 208	SC82360SLAHC1	S X747
SQFP 208	SB80962JY25		SQFP 208	FC80486DX4WB100	S L2M9