



# Product Change Notification

## 109921 - 00

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Should you have any issues with the timeline or content of this change, please contact the Intel Representative(s) for your geographic location listed below. 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 #:** 109921 - 00  
**Change Title:** Intel® Centrino® Wireless-N 1000 SKUs:  
112BN.HMWG, HMWWB; 112BN.MMWG,  
MMWWB, 112BG.HMWG, MMWG  
PCN 109921-00, Product Material  
Change to Halogen Free compliant product  
**Date of Publication:** April 1, 2010

## Key Characteristics of the Change:

Product Material

## Forecasted Key Milestones:

<b>Pre-Conversion Material Non-Returnable After:</b>	Jul 01, 2010
<b>Date Customer Must be Ready to Receive Post-Conversion Material:</b>	Apr 30, 2010
<b>Date of First Availability of Post-Conversion Material:</b>	Apr 30, 2010

*The date of "First Availability of Post-Conversion Material" is the projected date that a customer may expect to receive the Post-Conversion Materials. This date is determined by the projected depletion of inventory at the time of the PCN publication. The depletion of inventory may be impacted by fluctuating supply and demand, therefore, although customers should be prepared to receive the Post-Converted Materials on this date, Intel will continue to ship and customers may continue to receive the pre-converted materials until the inventory has been depleted.*

## Description of Change to the Customer:

1. Change from Halogen to Halogen Free PCB on Intel® Centrino® Wireless-N 1000 SKUs
2. Add Halogen Free marking to product label



## Customer Impact of Change and Recommended Action:

Customer will receive product with the following changes:

1. Change from Halogen to Halogen Free PCB on Intel® Centrino® Wireless-N 1000 SKUs
2. Add Halogen Free marking to product label



## PRODUCT LABEL EXAMPLES:

SKU	Before	After
112BN.HMWG	 <p>The 'Before' label for SKU 112BN.HMWG shows a QR code (E6651104), Intel logo, and model information: Model: 112BNHMW, Intel® Centrino® Wireless-N 1000. It includes MAC: 00000MMMMM, TA: E66710-006, and Made in China. Regulatory markings include CE N232, CE 1856, and various safety symbols. The bottom section contains technical details like IC: 1000M-112BNH, FCC ID: PD9112BNH, and CMIIT ID: 2009DJ3209.</p>	 <p>The 'After' label for SKU 112BN.HMWG is identical to the 'Before' label but includes a blue circle with 'HF' next to the '2 AUX' label, indicating the Halogen Free PCB change. The TA number is updated to E66710-007.</p>

112BN.HMWWB

E6651104




1 MAIN 2 AUX

**Model: 112BNHMW**  
**Intel® Centrino®**  
**Wireless-N 1000**



MAC: OOOOOOMMMMMM  
 TA: E72377-003  
 Made in China



E178682  
 INT-112BNHMW

Complies with IDA Standards DB 02941



IC: 1000M-112BNH  
 FCC ID: PD9112BNH  
 MTC TR5520199  
 CNC C-7453  
 CNC C-7470  
 CNC C-7486

003WWA090376  
 D090380003  
 CCAH09LP1270T4  
 NTC TA N\*: ESD-0904241C  
 CFT RCPIN1109-0613-A1  
 CMIIT ID: 2009DJ3209 PTA APPROVED MODEL

E6651104




1 MAIN 2 AUX

**Model: 112BNHMW**  
**Intel® Centrino®**  
**Wireless-N 1000**



MAC: OOOOOOMMMMMM  
 TA: E72377-004  
 Made in China



E178682  
 INT-112BNHMW

Complies with IDA Standards DB 02941



IC: 1000M-112BNH  
 FCC ID: PD9112BNH  
 MTC TR5520199  
 CNC C-7453  
 CNC C-7470  
 CNC C-7486

003WWA090376  
 D090380003  
 CCAH09LP1270T4  
 NTC TA N\*: ESD-0904241C  
 CFT RCPIN1109-0613-A1  
 CMIIT ID: 2009DJ3209 PTA APPROVED MODEL



112BG.HMWG

E7257902




1 MAIN 2 AUX

**Model: 112BGHMW**  
**Intel® Centrino®**  
**Wireless-N 1000**



SPS: 585984-001 0A  
 MAC: OOOOOOMMMMMM  
 TA: E72378-003  
 Made in China



E178682

CE 1856

PTA APPROVED MODEL

E7257902




1 MAIN 2 AUX

**Model: 112BGHMW**  
**Intel® Centrino®**  
**Wireless-N 1000**



SPS: 585984-001 0B  
 MAC: OOOOOOMMMMMM  
 TA: E72378-004  
 Made in China



E178682

CE 1856

PTA APPROVED MODEL



112BN.MMWWB

intel  
2 AUX Intel® Centrino® Wireless-N 1000  
Model: 112BNMMW  
1 MAIN MAC: 00000MMMMM  
TA: E72376-003  
Made in China

003WWA090377  
D090381003  
2405/04 CCAH09LP1260T1 CFT RCPIN1109-0613  
FCC ID: PD9112BNM  
CMIIT ID: 2009DJ3210 IC: 1000M-112BNM  
INT-112BNMMW CNC C-7471  
NTC TA N: ESD-0904242C MTC TRSS20201  
PTA APPROVED MODEL

CE 1856  
E6650604  
Complies with IDA Standards DB 02941  
N232  
E178682

intel  
2 AUX Intel® Centrino® Wireless-N 1000  
Model: 112BNMMW  
1 MAIN MAC: 00000MMMMM  
TA: E72376-004  
Made in China

003WWA090377  
D090381003  
2405/04 CCAH09LP1260T1 CFT RCPIN1109-0613  
FCC ID: PD9112BNM  
CMIIT ID: 2009DJ3210 IC: 1000M-112BNM  
INT-112BNMMW CNC C-7471  
NTC TA N: ESD-0904242C MTC TRSS20201  
PTA APPROVED MODEL

CE 1856  
E6650604  
Complies with IDA Standards DB 02941  
N232  
E178682

112BG.MMWG

intel  
2 AUX Intel® Centrino® Wireless-N 1000  
Model: 112BGMMW  
1 MAIN SPS: XXXXX-XXX XX  
MAC: 00000MMMMM  
TA: E72375-002  
Made in China

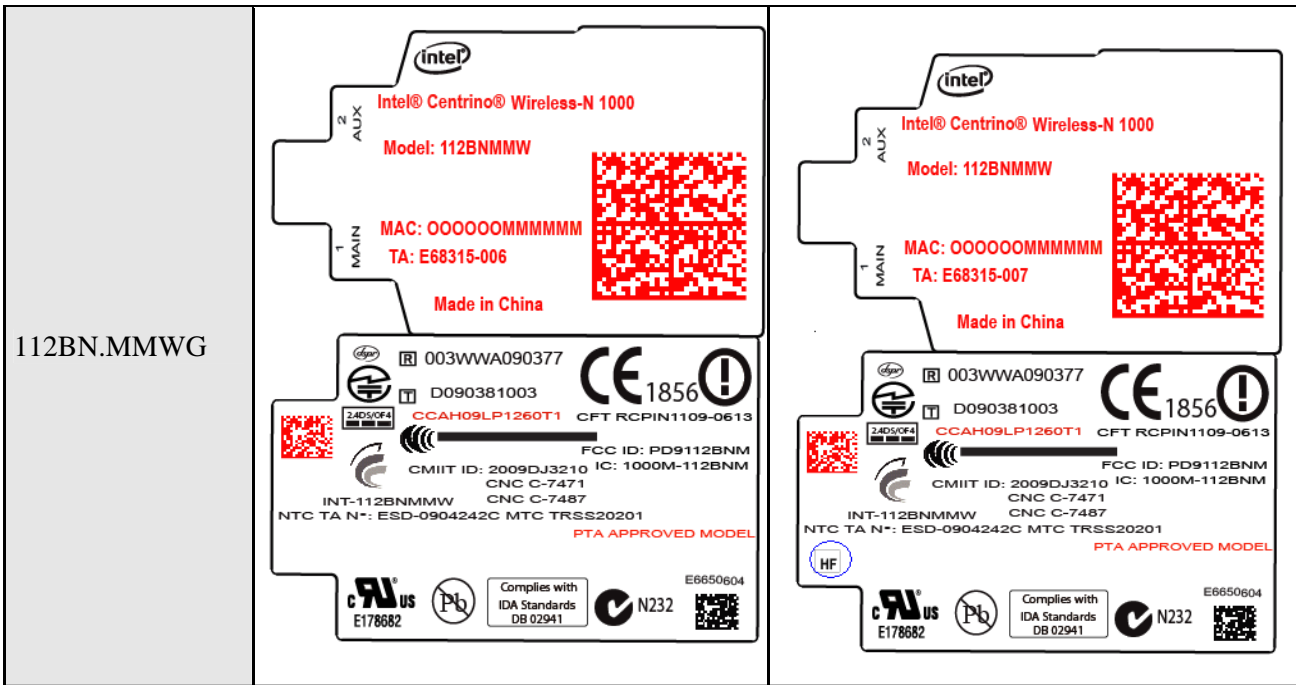
CE 1856  
PTA APPROVED MODEL

E7258602  
Complies with IDA Standards DB 02941  
N232  
E178682

intel  
2 AUX Intel® Centrino® Wireless-N 1000  
Model: 112BGMMW  
1 MAIN SPS: XXXXX-XXX XX  
MAC: 00000MMMMM  
TA: E72375-003  
Made in China

CE 1856  
PTA APPROVED MODEL

E7258602  
Complies with IDA Standards DB 02941  
N232  
E178682



112BN.MMWG

Intel will attempt to deplete pre-conversion material before shipping post-conversion material but there is a possibility of Intel shipping mixed inventory. Therefore, customers will need to manage and migrate to the post-conversion material as soon as possible.

For your information only. No change to form, fit or function. No change to Intel Ordering codes.

Milestone dates are estimates and subject to change based on business and operational conditions.

### Products Affected / Intel Ordering Codes:

#### Board Products Table

Affected Product Code	Pre-Change MM#	Post-Change MM#	Pre-Change TA or AA	Post-Change TA or AA
112BN.HMWG	903341	903341	E66710-006	E66710-007
112BN.HMWWB	903528	903528	E72377-003	E72377-004
112BG.HMWG	903531	903531	E72378-003	E72378-004
112BN.MMWWB	903527	903527	E72376-003	E72376-004
112BG.MMWG	903530	903530	E72375-002	E72375-003
112BN.MMWG	903023	903023	E68315-006	E68315-007

## **Reference Documents / Attachments:**

**Document:**

**Location #:**

## **PCN Revision History:**

**Date of Revision:**

**Revision Number:**

**Reason:**

April 1, 2010

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Originally Published PCN