



# Product Change Notification

**Change Notification #:** 114769 - 00  
**Change Title:** Intel® Dual Band Wireless-AC 7260 SKU: 7260.SDWG, ; 7260.SDWG.I; 7260.SDWG.R, PCN 114769-00, Transport Media, Moisture Barrier Bag Caution Label Changes and Electrostatic Sensitive Device Symbol to Implement on Desiccant Packed Intel Products  
**Date of Publication:** July 14, 2016

## Key Characteristics of the Change:

Transport Media

## Forecasted Key Milestones:

<b>Date Customer Must be Ready to Receive Post-Conversion Material:</b>	<b>Effective Immediately</b>
---	------------------------------

## Description of Change to the Customer:

The Intel® Dual Band Wireless-AC 7260 SKUs listed in the products affected table had the following change. This was originally incorporated with PCN 113675-00 however these SKUs were not included in that notification.

To demonstrate transparency and reduce confusion about the calculated shelf-life and bag seal dates of our products, Intel will implement improvement changes to assure customers are confident they are receiving good products from Intel.

Customers will see a change in the moisture barrier bag (MBB) caution label. The MBB caution label will change from "Calculated Shelf Life in sealed bag: 12 months at <40° C and <90% relative humidity (RH)" to "Calculated Shelf Life in sealed bag: 60 months at <40° C and <90% relative humidity (RH)".

Why Intel is making this 12 to 60 month change:

1. JEDEC Standard (J-STD-033C) allows for makers of moisture sensitive products to use a Calculated Shelf Life greater than 12 months and to provide the calculated time in item #1 of the MBB caution label.
2. The amount of desiccant material placed inside the Moisture Barrier Bag (MBB) has been calculated to be more than sufficient to protect the product inside the MBB for a period of time greater than 60 months. This change allows Intel to set the calculated shelf life of these products to 60 months.
3. Products received must meet both requirements: Product Shelf Life and Calculated Shelf Life. Intel will continue to provide customers with a minimum of six months of Product Shelf Life and Calculated Shelf Life after they receive the products.

**Note:** Product Shelf Life is different from the bag seal date and the amount of time the desiccant pouches can protect the product. Product Shelf Life and Calculated Shelf Life are mutually exclusive. Our desiccant pouches will protect the product from moisture beyond today's product shelf life of 60 months.

The current MBB caution label has a white background with blue printed letters. The new MBB caution label will remain white with black printed letters. No changes have been made to the size (dimensions) or color of the MBB itself.

#### Clarifying Definitions:

- **Product Shelf Life:** The physical life of the product that it can be stored and is still usable by customers.
- **Calculated Shelf Life:** The time calculated that a product can be safely stored in a MBB and protected from moisture based on desiccant amount and the Moisture Vapor Transmission Rate (MVTR) of the MBB.
- **Bag Seal Date:** The date printed on the box and bag label (which Intel prints and adheres to the box and the MBB) that indicates the date the product was packed inside the MBB and the MBB was sealed. A customer can look at the seal date and compare it to the current date to determine how long the product has been sealed inside the MBB.

Please refer to the pictures provided to review changes:

**Current Moisture Barrier Bag Caution Label:** White background with blue printed letters

**Caution**  
This bag contains  
**MOISTURE-SENSITIVE DEVICES**

LEVEL

If blank, see adjacent bar code label

1. Calculated shelf life in sealed bag **12 months** at <40°C and <90% relative humidity (RH)

2. Peak package body temperature: \_\_\_\_\_ °C  
If blank, see adjacent bar code label

3. After bag is opened, devices that will be subjected to reflow solder or other high temperature process must be

a) Mounted within: \_\_\_\_\_ hours of factory conditions  
If blank, see adjacent bar code label  
≤ 30°C/60%RH, or

b) Stored per J-STD-033

4. Devices require bake, before mounting, if:

a) Humidity Indicator Card reads >10% for level 2a - 5a devices or >60% for level 2 devices when read at 23 ± 5°C

b) 3a or 3b are not met

5. If baking is required, refer to IPC/JEDEC J-STD-033 for bake procedure

Bag Seal Date: \_\_\_\_\_  
If blank, see adjacent bar code label

Note: Level and body temperature defined by IPC/JEDEC J-STD-020

**New Moisture Barrier Bag Caution Label - White background with black printed letters**



To align with industry JEDEC standards, a new Electrostatic Sensitive Devices (ESD) sensitive symbol will be added under the MBB caution label.



The select desiccant products listed on the Products Affected/Intel Ordering Codes table will begin using these new moisture barrier bag labels based on the Customer Ready to Receive date milestone published in this Product Change Notification.

**Summary:**

Current	New
Moisture Barrier Bag Caution Label: White background with blue printed letters	Moisture Barrier Bag Caution Label - White background with black printed letters. Adding an ESD symbol to the MBB.
"Calculated Shelf Life in sealed bag: 12 months at <40° C and <90% relative humidity (RH)"	"Calculated Shelf Life in sealed bag: 60 months at <40° C and <90% relative humidity (RH)"
Bag seal date greater than 30 months and test lot date greater than 60 months considered aged for Moisture Sensitive Product	Bag seal date greater than 60 months and test lot date greater than 60 months considered aged for Moisture Sensitive Product

## Customer Impact of Change and Recommended Action:

Customers may see a mixture of both the current and new MBB caution labels until inventories have been depleted.

### Example of How to Use this Information

Intel places a shipping label on the MBB and intermediate box which provides bag seal date and Moisture Sensitivity Level (MSL) information

- Lot Date(9D) {YYWW}: Highlighted in **Green (Solid)** box below
  - Original test date from A/T factory
  - Used to determine product age
- Bag Seal Date: Last seal date - Highlighted in **Orange (Dashed)** box below
  - Used to determine the length of time the material is protected in the MBB.
  - Can be different from the original seal date due to partial box shipments or inspections

### Typical shipping label on Moisture Barrier Bag:



An additional Communication is available for customers. Contact your Intel Field Sales Representative or the Intel Representative for your geographic location listed in this Product Change Notification for more information.

### Products Affected / Intel Ordering Codes:

Product Code	MM#
7260.SDWG	932164
7260.SDWG.I	933734
7260.SDWG.R	936172

### PCN Revision History:

**Date of Revision:**

July 14, 2016

**Revision Number:**

00

**Reason:**

Originally Published PCN



# Product Change Notification

## 114769 - 00

**INFORMATION IN THIS DOCUMENT IS PROVIDED IN CONNECTION WITH INTEL PRODUCTS. NO LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE, TO ANY INTELLECTUAL PROPERTY RIGHTS IS GRANTED BY THIS DOCUMENT. EXCEPT AS PROVIDED IN INTEL'S TERMS AND CONDITIONS OF SALE FOR SUCH PRODUCTS, INTEL ASSUMES NO LIABILITY WHATSOEVER AND INTEL DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY, RELATING TO SALE AND/OR USE OF INTEL PRODUCTS INCLUDING LIABILITY OR WARRANTIES RELATING TO FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR INFRINGEMENT OF ANY PATENT, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT.**

A "Mission Critical Application" is any application in which failure of the Intel Product could result, directly or indirectly, in personal injury or death. SHOULD YOU PURCHASE OR USE INTEL'S PRODUCTS FOR ANY SUCH MISSION CRITICAL APPLICATION, YOU SHALL INDEMNIFY AND HOLD INTEL AND ITS SUBSIDIARIES, SUBCONTRACTORS AND AFFILIATES, AND THE DIRECTORS, OFFICERS, AND EMPLOYEES OF EACH, HARMLESS AGAINST ALL CLAIMS COSTS, DAMAGES, AND EXPENSES AND REASONABLE ATTORNEYS' FEES ARISING OUT OF, DIRECTLY OR INDIRECTLY, ANY CLAIM OF PRODUCT LIABILITY, PERSONAL INJURY, OR DEATH ARISING IN ANY WAY OUT OF SUCH MISSION CRITICAL APPLICATION, WHETHER OR NOT INTEL OR ITS SUBCONTRACTOR WAS NEGLIGENT IN THE DESIGN, MANUFACTURE, OR WARNING OF THE INTEL PRODUCT OR ANY OF ITS PARTS.

Intel may make changes to specifications and product descriptions at any time, without notice. Designers must not rely on the absence or characteristics of any features or instructions marked "reserved" or "undefined". Intel reserves these for future definition and shall have no responsibility whatsoever for conflicts or incompatibilities arising from future changes to them. The information here is subject to change without notice. Do not finalize a design with this information.

The products described in this document may contain design defects or errors known as errata which may cause the product to deviate from published specifications. Current characterized errata are available on request.

**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.**

**Americas Contact:** [asmo.pcn@intel.com](mailto:asmo.pcn@intel.com)

**Asia Pacific/PRC Contact:** [apacgccb@intel.com](mailto:apacgccb@intel.com)

**Europe Email:** [eccb@intel.com](mailto:eccb@intel.com)

**Japan Email:** [jccb.ijkk@intel.com](mailto:jccb.ijkk@intel.com)

Copyright © Intel Corporation 2016. Other names and brands may be claimed as the property of others.

BunnyPeople, Celeron, Celeron Inside, Centrino, Centrino Inside, Cilk, Core Inside, i960, Intel, the Intel logo, Intel AppUp, Intel Atom, Intel Atom Inside, Intel Core, Intel Inside, Intel Insider, the Intel Inside logo, Intel NetBurst, Intel NetMerge, Intel NetStructure, Intel SingleDriver, Intel SpeedStep, Intel Sponsors of Tomorrow, the Intel Sponsors of Tomorrow logo, Intel StrataFlash, Intel vPro, Intel XScale, InTru, the InTru logo, the InTru Inside logo, InTru soundmark, Itanium, Itanium Inside, MCS, MMX, Moblin, Pentium, Pentium Inside, Puma, skool, the skool logo, Sound Mark, The Creators Project, The Journey Inside, Thunderbolt, vPro Inside, VTune, Xeon, and Xeon Inside are trademarks of Intel Corporation in the U.S. and/or other countries.

Learn how to use Intel Trademarks and Brands correctly at <http://www.intel.com/intel/legal/tmusage2.htm>.