

PCN no.: <b>PCN-104 rev. 1.0</b>	Date: <b>2017-09-28</b>	
Device affected: <b>All</b>	Device version / Build Code: All	
Data sheet references: <b>N/A</b>	Agreement reference: <b>N/A</b>	Customers reference: <b>N/A</b>

**Description of change:**

Inclusion of bag seal date information on:

- 1) Moisture Sensitivity Level (MSL) label of WLCSP and wafer products
- 2) Inner box label of all products. The 2D barcode of the inner box label will contain the bag seal date information.

Note: Nordic will continue to ship products from existing inventory with the old labels, until stock has been depleted.

**Impact:** Does the change affect product:

- |                           |   |  |
|---------------------------|---|--|
| 1. Form                   | <input checked="" type="checkbox"/> No    | <input type="checkbox"/> Yes – describe: |
| 2. Fit                    | <input checked="" type="checkbox"/> No    | <input type="checkbox"/> Yes – describe: |
| 3. Function               | <input checked="" type="checkbox"/> No    | <input type="checkbox"/> Yes – describe: |
| 4. Quality or Reliability | <input checked="" type="checkbox"/> No    | <input type="checkbox"/> Yes – describe: |
| Classification of change  | <input checked="" type="checkbox"/> Minor | <input type="checkbox"/> Major           |

**Reason for change:**

To aid the user in determining the shelf life of a product

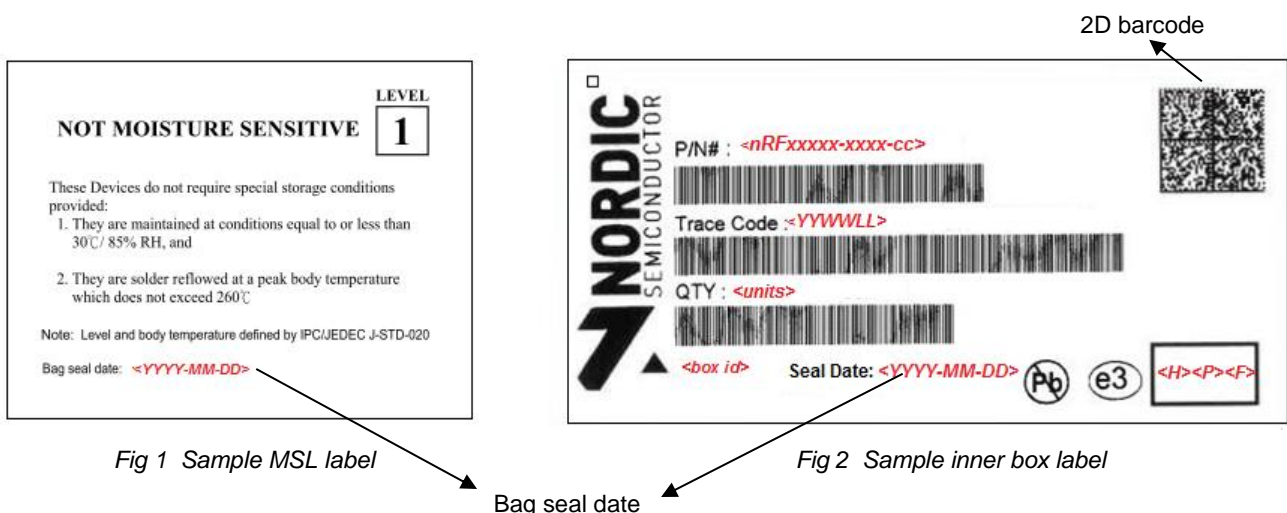
**Consequences of change:**

1. The change provides the user an easy reference in calculating the shelf life of the product.
2. User may need to re-configure the application program to match the new 2D barcode's content and sequence.

**Verification of change:**

The new labels passed Nordic's standard qualifications and approval.

**Marking/Shipping labels:**



Note: No change on product marking.

**2D barcode change:** Bag seal date was added before the box ID.

Current content & sequence: Part number|Trace code|quantity |build code |wafer lot no.|box ID

New content & sequence: Part number |Trace code|quantity |build code |wafer lot no.|**seal date**| box ID

### Definitions of Label Information

Field	Definition
Level 1	The product's Moisture Sensitivity classification
Bag seal date	The date the product was dry-packed or vacuum-packed. Date format on actual label may vary from the date format shown on sample labels above
P/N	Part number
Trace code	A lot traceability code assigned to a given lot of homogeneous nature. It follows the alpha-numeric format of YYWWLL where: YYWW the year and work week the product was assembled. LL unique, system-generated alpha-series assigned per supplier's lot no.
Qty	Total quantity of units in the container
Box ID	A system-generated inventory tracking reference for Nordic's use
<H><P><F>	Alpha-numeric code collectively known as build code. <H> - the Hardware or wafer version used to build the product <P> - the combination of Production site/s where the product was manufactured <F> - the Firmware version loaded to the product. Number 0 means no firmware was loaded by Nordic during production.

**Change active from (date):**

2017-10-16

**Last time order (date):** (optional)

N/A

**Samples Available (date/build code):** (optional)

N/A

**Attachments:**
 No

 Yes – describe:

**Change active from (lot no/date code/build code):**

N/A

**Final shipment date:** (optional)

N/A

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**Authorization for Nordic Semiconductor**

Product Manager: Kjetil Holstad      Date: 2017-09-28

Sign:



Quality Director: Ebbe Romcke      Date: 2017-09-28

Sign:



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