



PCN no.: **PCN_148 rev. 1.0**

Date: **2021-08-12**

Device affected: **nRF52840-QIAA**

Device version / Build Code: **D00**

Data sheet references:
nRF52840 Product Specification

Agreement reference:
N/A

Customer's reference:
N/A

Description of change:

Introduction of Amkor Technology Philippines (also referred to as Amkor-Philippines on this document) as additional Assembly and Final Test site. Currently, the product is being assembled and tested at ASE-ChungLi.

Product	Build code of current source	Build code of additional source
nRF52840-QIAA	D00	D10

The current and additional source versions may be produced and shipped in parallel.

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

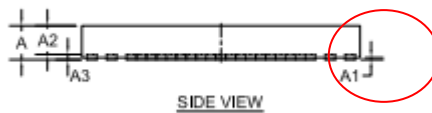
- | | | |
|---------------------------|--|--|
| 1. Form | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes – describe: See below Impact to Form |
| 2. Fit | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes – describe: See below Impact to Fit |
| 3. Function | <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 type="checkbox"/> Minor | <input checked="" type="checkbox"/> Major |

Impact to Form

Form	Build code D00	Build code D10
Pin plating	Nickel Palladium Gold	Nickel Palladium Gold Silver ~ 1.5%

Impact to Fit

Stand-off dimension, A1 for build code D10 is slightly different, minimum value is zero, compared to D00 at 0.02mm.



	Stand-off, A1 (mm)	
	D00	D10
Min.	0.02	0
Nom.	0.05	0.02
Max	0.08	0.05

The mechanical specification on the Product Specification of nRF52840 product will be revised to incorporate D10 dimensions.

Reason for change:

Effectuation of second sourcing program to ensure flexible capacity planning and improved business continuity management.

Consequences of change:

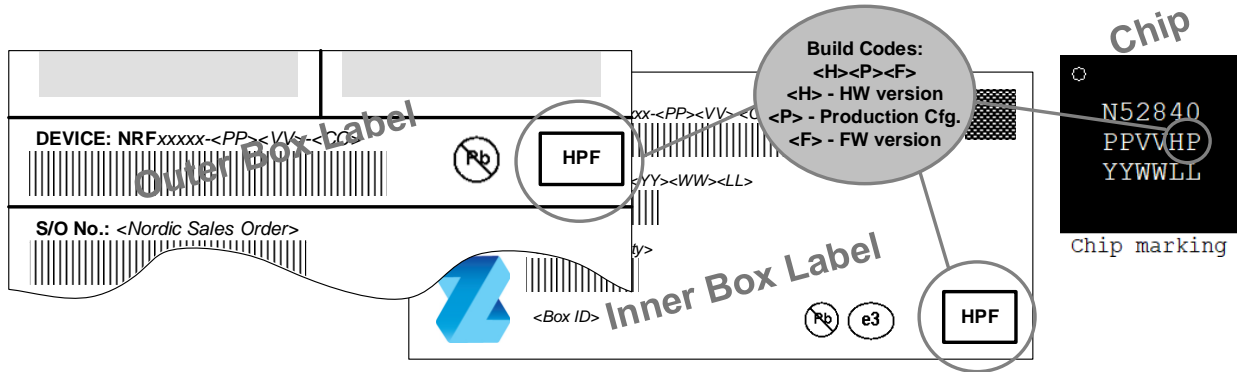
None expected. Samples are available for customers considering SMT evaluation.



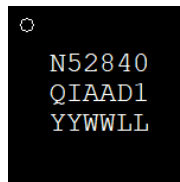
Verification of change:

The new build codes were qualified according to Nordic Semiconductor's standard product approval and quality procedures.

Marking/Shipping labels:



Chip:



Build: D10

Label:



Change active from (date):

2021-11-12

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

Build code D10

Samples Available (date/build code):

Now / DCO

Attachments:

No

Yes – describe:

Technical contact at Nordic Semiconductor:

productchange@nordicsemi.no

Commercial contact at Nordic Semiconductor:

www.nordicsemi.com, "Contact Us"

Authorization for Nordic Semiconductor

Product Manager: Kjetil Holstad

Date: 2021-08-12

Sign:

Quality Director: Ebbe Rømcke

Date: 2021-08-12

Sign:

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