

PCN no.: **PCN_219 rev 1.0**Date: **2025-04-25**

Device affected:

nRF54L15-QFAA**nRF54L10-QFAA****nRF54L05-QFAA**

Device version / Build Code:

B00**A00****A00**

Data sheet references:

N/A

Agreement reference:

N/A

Customers reference:

N/A**Description of change:**

This Product Change Notice introduces a new device revision that addresses the following anomaly listed in nRF54L15, nRF54L10, nRF54L05 Revision 1 Errata v1.0:

- **#[31] POWER:** Current consumption is higher than expected in sleep

In addition, there are improvements to Nordic Semiconductor yield and manufacturing throughput.

This is a running change that will replace the current build codes. Transition to the new build codes will depend on stock availability. During the transition period, both old and new build codes may coexist.

Product	From		To	
	Revision	Build code	Revision	Build code
nRF54L15-QFAA	1	B00	2	C00
nRF54L10-QFAA	1	A00	2	B00
nRF54L05-QFAA	1	A00	2	B00

Impact: Does the change affect product:

- | | | |
|-----------------------------|--|---|
| 1. Form | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes – describe: Marking change |
| 2. Fit | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes – describe: |
| 3. Function | <input type="checkbox"/> No | <input checked="" type="checkbox"/> Yes – describe: Update required of SW tool for device programming |
| 4. Quality or Reliability | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes – describe: |
| 5. Environmental compliance | <input checked="" type="checkbox"/> No | <input type="checkbox"/> Yes – describe: |

Classification of Change

☐ Minor☒ Major**Reason for change:**

Fixing anomalies and optimized yield and manufacturing throughput.

Consequences of change:**Hardware**

The new device revision is drop-in compatible with the current revision and does not require changes to PCB schematics or layout.

Software

For nRF54L15, revision 2 device is software compatible with Revision 1 when binary is compiled using nRF Connect SDK v2.9.0 or later.

- nRF Connect SDK v2.9.0 and v2.9.1 include a workaround for Errata 31 which applies to both Revision 1 and Revision 2, ensuring equivalent application behavior and performance.
- nRF Connect SDK v3.0.0 applies only the necessary errata workaround to revision 1 and revision 2.
- New application development should be performed on nRF Connect SDK v2.9.1 or later.

For nRF54L10 or nRF54L05, application development for production is recommended only with nRF Connect SDK v3.0.0.

To support the new device revision, the following updates of development environment are required:

1. nrfutil device v2.8.8 must be used with the new revision. Execute the following command to update:
`nrfutil install device=2.8.8 --force`
2. SEGGER Jlink version 8.18 must be used with the new revision. Download and install from:
<https://www.segger.com/downloads/jlink/>

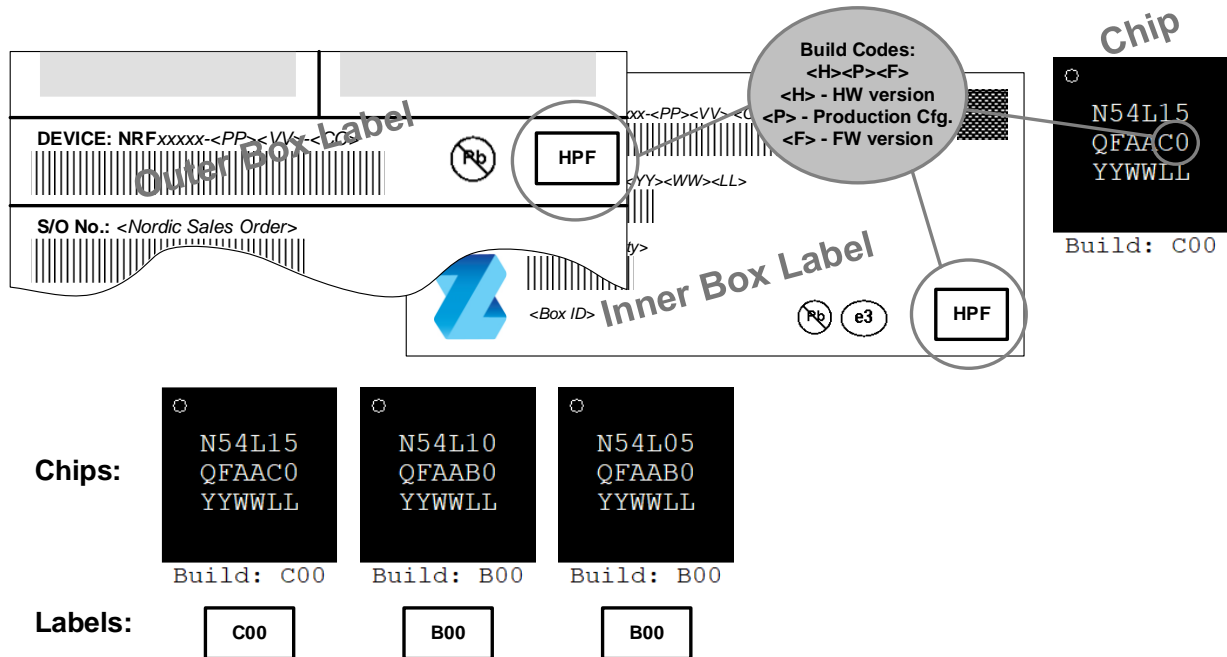
Teleregulatory, Bluetooth, Thread and ZigBee certification

The new device revision has no impact on RF performance.

It inherits all Bluetooth DNs, Thread CIDs, and ZigBee CIDs and does not require re-qualification for existing products.

Verification of change:

The change has been qualified according to Nordic Semiconductor's standard quality procedures.

Marking/Shipping labels:

Change active from (date):

nRF54L15-QFAA, active from: 2025-05-12
nRF54L10-QFAA, active from: 2025-05-12
nRF54L05-QFAA, active from: 2025-05-12

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

nRF54L15-QFAA build code: C00
nRF54L10-QFAA build code: B00
nRF54L05-QFAA build code: B00

Samples Available (date/build code):

Now, nRF54L15-QFAA build code: CA0
Now, nRF54L10-QFAA build code: BA0
Now, nRF54L05-QFAA build code: BA0

Attachments: ☒ No ☐ Yes – describe:

Technical contact at Nordic Semiconductor:

www.nordicsemi.com, "Support"

Commercial contact at Nordic Semiconductor:

www.nordicsemi.com, "Contact Us"

Authorization for Nordic Semiconductor

EVP BU Short-Range Øyvind Strom Date: 2025-04-25

SVP Quality Ola Boström Date: 2025-04-25

Notes:

- Any changes or modifications not explicitly mentioned in this PCN shall not be considered part of the official PCN submission.
- All last time buy orders are non-cancellable and non-returnable.

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