

PCN no.: <b>PCN-113 rev. 1.2</b>	Date: <b>2019-01-30</b>	
Device affected: <b>nRF52810-QFAA nRF52810-QCAA nRF52810-CAAA</b>	Device version / Build Code: <b>QFAA-Bx0, QCAA-Cx0, CAAA-Ax0</b>	
Data sheet references: <b>N/A</b>	Agreement reference: <b>N/A</b>	Customers reference: <b>N/A</b>

**Description of change:**

New silicon fixing the following Errata:

- Errata-150      SAADC: EVENT\_STARTED does not fire
- Errata-192      CLOCK: LFRC frequency offset after calibration
- Errata-201      CLOCK: EVENTS\_HFCLKSTARTED might be generated twice

In addition, there are improvements related to yield and manufacturing throughput. This is a running change aiming to replace previous build code (C00).

**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 type="checkbox"/> No            | <input checked="" type="checkbox"/> Yes – describe: See “Description of change” and referenced Errata. |
| 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  |

**Reason for change:**

Fixing Errata and yield and manufacturing throughput optimization

**Consequences of change:**

**Hardware**

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

**Software:**

The new device version is software compatible with the current version if using SDK14.2/15.0/15.2 and Softdevices S112 v5.1.0/v6.0.0/6.1.0/6.1.1 or S132v5.1.0, but note that S112 v6.0.0/6.1.0/6.1.1 versions have implemented workarounds for Errata-192 and Errata-201 which will be executed without impact on function on this device version.

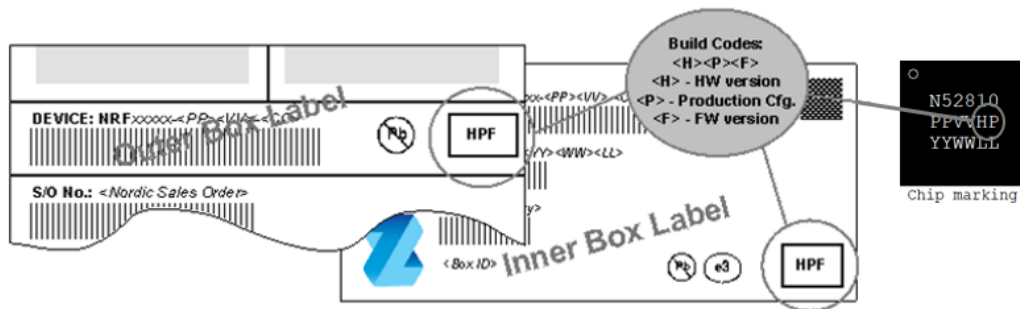
**Teleregulatory and Bluetooth certification**

- *The new revision has no impact on RF performance*
- *The new revision inherits all Bluetooth QDIDs and requires no re-qualification for existing products*

**Verification of change:**

The new build code is qualified according to Nordic Semiconductor’s standard product approval and quality procedures.

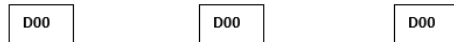
**Marking/Shipping labels:**



**Chips:**



**Labels:**



**Change active from (date):**

Estimated 2019-07-01

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

N/A

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

	Samples	Production Parts
nRF52810-QFAA D00	2019-02-28	2019-02-28
nRF52810-QCAA D00	2019-02-28	2019-02-28
nRF52810-CAAA D00	2018-12-15	2019-02-28

**Change active from (lot no/date code/build code):**0

nRF52810-QFAA D00  
nRF52810-QCAA D00  
nRF52810-CAAA D00

**Final shipment date:** (optional)

N/A

**Attachments:**  No  Yes – describe:

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**Authorization for Nordic Semiconductor**

Product Manager: Kjetil Holstad Date: 2019-01-30

Sign: 

Quality Director: Ebbe Rømcke Date: 2019-01-30

Sign: 

Please note that all last time buy orders are non-cancellable and non-returnable.

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