

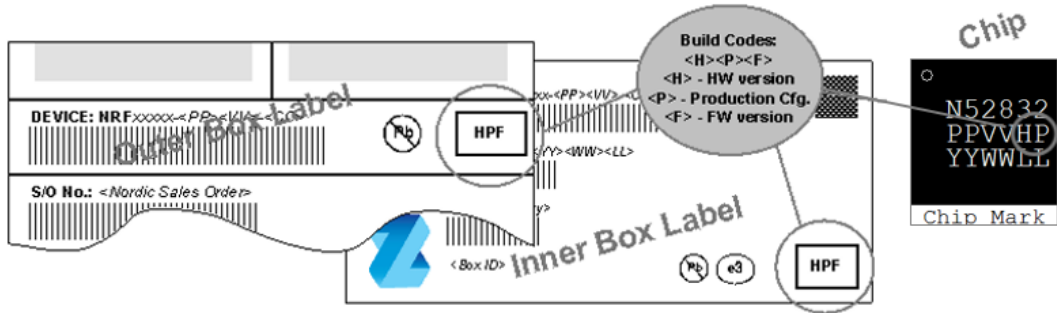
Informational Notice (IN)

Notice no.: IN-105, rev. 1.0		Date: 2017-12-05
Device affected:		Device version / Build Code:
nRF52832-QFAA		B00
nRF52832-QFAB		B00
nRF52832-CIAA		B00, B10
Data sheet references:	Agreement reference:	Customers reference:
N/A	N/A	N/A

<p>Description of change:</p> <p>New revision of the IC with the following key changes.</p> <p>Fixes of anomalies</p> <p>The new IC revision includes fixes for the following anomalies reported in nRF52832 Rev 1 Errata v1.6.</p> <ul style="list-style-type: none"> ▪ #102 RADIO: PAYLOAD/END events delayed or not triggered after ADDRESS ▪ #106 RADIO: Higher CRC error rates for some access addresses ▪ #107 RADIO: Immediate address match for access addresses containing MSBs 0x00 <p>nRF52832 Rev 2 will have its own Errata, nRF52832 Rev 2 Errata v1.0, which includes an updated list of anomalies.</p> <p>In order to be drop-in compatible with current B00 / B10 build codes, the fix introduced is opt-in.</p> <p>Impact: Does the change affect <u>product</u>:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">1. Form</td> <td style="width: 20%;"><input checked="" type="checkbox"/> No</td> <td style="width: 20%;"><input type="checkbox"/> Yes – describe:</td> </tr> <tr> <td>2. Fit</td> <td><input checked="" type="checkbox"/> No</td> <td><input type="checkbox"/> Yes – describe:</td> </tr> <tr> <td>3. Function</td> <td><input checked="" type="checkbox"/> No</td> <td><input type="checkbox"/> Yes – describe:</td> </tr> <tr> <td>4. Quality or Reliability</td> <td><input checked="" type="checkbox"/> No</td> <td><input type="checkbox"/> Yes – describe:</td> </tr> </table> <p>Classification of change <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Major</p>	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:
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:										
<p>Reason for change:</p> <p>Fixed anomalies in affected devices.</p>												
<p>Consequences of change:</p> <p>Hardware</p> <p>The new device versions are drop-in compatible with the current versions.</p> <p>Software:</p> <p>The new device versions are software compatible with the current revision, but note the following:</p> <ul style="list-style-type: none"> ▪ For the fix of anomalies to take effect, re-compilation with MDK version 8.15.1 and later is necessary ▪ It is also possible to manually enable the fix as described in nRF52832 Rev 2 Errata v1.0x, #182 ▪ Note that SoftDevice S132 versions 4.0.2 until version 5.x have workarounds for the #102, #106 and #107 anomalies implemented. ▪ SoftDevice S132 version 6.x will apply the fix (according to Errata #182) for Rev2. <p>Teleregulatory and Bluetooth certification</p> <ul style="list-style-type: none"> ▪ The new revision has no impact on RF performance ▪ The new revision inherits all Bluetooth QDIDs and requires no re-qualification for existing products 												
<p>Verification:</p> <p>New device version has been approved and qualified under standard Nordic Semiconductor ASA QA procedures.</p>												

Informational Notice (IN)

Marking/Shipping labels:



Chips:



Labels:



Change active from (date):

2018-02-28

Change active from (lot no/date code):

N/A (See build codes above)

Last time order (date):

<N/A>

Final shipment date:

<N/A>

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

	Samples	Production Parts
nRF52832-QFAA E00	2017-11-30	2018-02-28
nRF52832-QFAB E00	2017-12-15	2018-02-28
nRF52832-CIAA E00	2018-01-01	2018-02-28
nRF52832-CIAA E10	2018-01-15	2018-02-28

Attachments:

No Yes

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Authorization for Nordic Semiconductor

Product Manager

Date: 2017-12-05

Sign: 

Quality Director

Date: 2017-12-05

Sign: 