

PCN no.: <b>IN-171 rev. 1.0</b>		Date: <b>2023-03-22</b>
Devices affected: <b>nRF52833-QIAA</b> <b>nRF52833-QIAA-B</b> <b>nRF52840-QIAA</b> <b>nRF52840-QIAA-F</b> <b>nRF5340-QKAA</b>		Device version / Build Code: <b>Aoo</b> <b>Boo</b> <b>Doo</b> <b>Foo</b> <b>Do0</b>
Data sheet references: <b>N/A</b>	Agreement reference: <b>N/A</b>	Customers reference: <b>N/A</b>

### Description of change:

Introduction of new lead frame (LF) base material C194 for aQFN devices at ASECL to address shortage of current base material EFTEC64.

	From	To
LF raw material	EFTEC64	EFTEC64 C194
LF design	No change	
Lead finish	No change	
Package dimensions	No change	

### 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 address shortage of current LF base material EFTEC64.

### Consequences of change:

Environmental compliance documents will be revised and published upon change effectivity.

### Verification of change:

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

### Marking/Shipping labels:

No impact to marking and shipping labels.

### Change active from (date):

2023-07-01

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

N/A

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

2023-03-21: nRF52840-QIAA and nRF5340-QKAA  
 2023-07-01: nRF52833-QIAA

**Attachments:**  No  Yes – describe:

### Technical contact at Nordic Semiconductor:

[www.nordicsemi.com](http://www.nordicsemi.com), "Support"

### Commercial contact at Nordic Semiconductor:

[www.nordicsemi.com](http://www.nordicsemi.com), "Contact Us"

**Authorization for Nordic Semiconductor**

EVP Product Management:  
Kjetil Holstad

Date: 2023-03-22

Sign:



SVP Quality:  
Ola Boström

Date: 2023-03-22

Sign:



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Nordic Semiconductor ASA  
P.O. Box 2336  
7004 Trondheim  
Norway  
Tel.: +47 72 89 89 00