

## Product Change Notification (PCN)

PCN no.: <b>PCN-074 rev.1.0</b>	Date: <b>2013-02-07</b>
Device affected: <b>nRF8001-R2Q32</b>	Device version / Build Code: <b>D</b>
Data sheet references: <b>N/A</b>	Agreement reference: <b>N/A</b>
	Customers reference: <b>To Whom it May Concern</b>

<b>Description of change:</b> Bondwire material changed from Gold to Copper.	
<b>Impact:</b> Does the change affect <u>product</u> :	
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
<b>Reason for change:</b> 1. To utilize material with enhanced mechanical and electrical properties. 2. Alignment to world technology trend on using Cu as bond wire material. 3. Alignment to Nordic Semiconductor's standard for QFN assembly bond wire material	
<b>Consequences of change:</b> None negative-	
<b>Verification:</b> Nordic Semiconductor generally adopts copper as standard wire-bond material for QFN assembly. Devices previously employing gold bond-wires were converted to copper in a broad conversion program documented in previously issued PCN-059, however due to its state as prototype at the time, the nRF8001-R2Q32 was omitted from this process.  The copper wire-bond process for the applicable package type can generally be viewed as thoroughly proven through PCN-059. Further, as for devices subject to PCN-059, the change has been qualified according to Nordic Semiconductor's standard product approval and quality.  Samples can be provided upon request.	
<b>Marking/Shipping labels:</b> There will be no changes in the marking/shipping labels.  Change identification will be identified by trace code.	
<b>Change active from (date):</b> WW16 2013	<b>Change active from (lot no/date code):</b> NA
<b>Last time order (date):</b> (optional) N/A	<b>Final shipment date:</b> (optional) NA
<b>Attachments:</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – describe:	
<b>Technical contact at Nordic Semiconductor:</b> Analiza Gueta Project Manager – Supply Chain e-mail: <a href="mailto:analiza.gueta@nordicsemi.no">analiza.gueta@nordicsemi.no</a>	<b>Commercial contact at Nordic Semiconductor:</b> Thomas Bonnerud Product Manager Standard Components e-mail: <a href="mailto:teb@nordicsemi.no">teb@nordicsemi.no</a>

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**Authorization for Nordic Semiconductor**

Product Manager

Date: 2013-02-07

Sign:



Quality Director

Date: 2013-02-07

Sign:



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