



Product Change Notification (PCN)

Document ID: PCN-059 rev 1.0		Date: 2011-05-09
Device affected: All variants of the below products		
	nRF24LE1-Fxx nRF24LU1P-Fxx nRF24LE1-O nRF24LU1P-O nRF24LU1 nRF9E5 nRF905 nRF24L01 nRF24L01P nRF24AP1 nRF24AP2-1CH/8CH nRF24AP2-USB nRF2401AG nRF2402G nRF24E1G nRF24E2G	Build code C Build code D Build code D and O Build code D and O Build code E Build code C Build code C Build code D Build code A and M Build code B Build code N Build code A and M Build code B Build code C Build code B Build code B
Data sheet references: N/A	Agreement reference: N/A	Customer's reference: To Whom It May Concern

Description of change:		
This PCN will affect the above mentioned devices assembled at Amkor Technology Philippines for qualification of Cu as additional bond wire option.		
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:		
1. To utilize material with enhanced mechanical and electrical properties.		
2. Alignment to world technology trend on using Cu as bond wire material.		
Consequences of change:		
None negative.		
Verification:		
The products will be qualified according to Nordic Semiconductor's standard product approval and quality procedures.		
The following Qualification reports are available now :		
<ul style="list-style-type: none"> ▪ MSL2 : PASS ▪ TC : 500cycles/ -65C/+150C : PASS ▪ UHAST : 130C/85%RH/96h : PASS 		
The following Qualification reports will be available w23 :		
<ul style="list-style-type: none"> ▪ TC : 1000cycles/ -65C/+150C ▪ HTS : 1000h/150C 		
Samples for LE1-O17Q32 and LU1P-O17Q32 are available now, samples for other devices and its availability will be provided upon request.		

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Marking/Shipping labels:	
There will be no changes in the marking/shipping labels. Change identification will be identified by trace code.	
Change active from (date):	Change active from (lot no/date code):
Change will be implemented device by device starting from September 2011.	Actual change-over date per device will be available upon request.
Last time order (date): (optional)	Final shipment date: (optional)
N/A	N/A
Attachments: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes – describe:	
Technical contact at Nordic Semiconductor:	Commercial contact at Nordic Semiconductor:
Analiza Gueta Project Manager – Supply Chain e-mail: analiza.gueta@nordicsemi.no	Thomas Bonnerud Product Manager Standard Components e-mail: teb@nordicsemi.no
Authorization for Nordic Semiconductor	
Product Manager	Date: 2011.05.09 Sign: 
Thomas Embla Bonnerud	_____
Quality Director	Date: 2011.05.09 Sign: 
Ebbe Rømcke	_____

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