

Process Change Notification - PCN

Customer: DIGI-KEY

Melexis Site Affected: Erfurt - Germany Ieper - Belgium Sofia - Bulgaria

Subject: Qualification of additional supplier (X-Fab MFI) for back-end processing of Triaxis products

PCN number: 31256141302 Issue Date: 22-May-2013

Melexis contact: Position Product Line Management e-mail: adl@melexis.com
 Name Jan Van Daele phone: +32 13 61 16 29
 fax: _____

Affected Process(es): Wafer Process Step

Melexis device name(s) : * see list page 2
* For multiple references, please see page 2

Customer device name(s):* see list page 2

1. Description and Purpose of change

Qualification of additional supplier (X-Fab MFI) for back-end processing of Triaxis products:
 - capacity increase through introduction of additional supplier
 - Streamlined supply-chain through elimination of additional supplier in processflow
 - Integration of front-end and back-end wafer processes at X-fab

See details of change in the attached presentation

2. Type Of Change (reference PPAP 4. edition table 3.1)

<input type="checkbox"/>	1. Use of other construction or material than was used in the previously approved part or product	<input type="checkbox"/>	6. Product produced after the tooling has been inactive for volume production for twelve months or more
<input type="checkbox"/>	2. Production from new or modified tools (except perishable tools), dies, molds patterns, etc. including additional or replacement tooling	<input type="checkbox"/>	7. Product and process changes related to components of the production product manufactured internally or manufactured by suppliers
<input type="checkbox"/>	3. Production following upgrade or rearrangement of existing tooling or equipment	<input type="checkbox"/>	8. Change in test/inspection method - new technique (no effect on acceptance criteria)
<input type="checkbox"/>	4. Production from tooling and equipment transferred to a different plant site or from an additional plant site	<input type="checkbox"/>	9. Additionally, for bulk materials: New source of raw material from new or existing supplier
<input checked="" type="checkbox"/>	5. Change of supplier for parts, non-equivalent materials, or services (e.g., heat-treating, plating)	<input type="checkbox"/>	10. Additionally, for bulk materials: Change in product appearance attributes

3. Risk Assessment and Planning :

Scheduled change date: Jan-14

Current product available until: Jan-14 Qty: _____ pcs

Sample availability: see page 2 Qty: _____ pcs

Risk assessment: see attached document

4. Change Category

<input checked="" type="checkbox"/>	Customer approval requested
<input type="checkbox"/>	Notification to customer

5. Approval

Melexis approval **Local Product Quality Manager: Gwenaelle Page**

Your approval is kindly requested by signing the documents and returning it to Melexis by: 22-June-2013
Lack of acknowledgment of the PCN within 30 days constitutes acceptance of this change

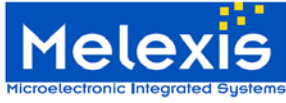
Customer: signature _____ date: _____

Name _____ e-mail: _____

Position _____ phone: _____

6. Attachments

<input type="checkbox"/>	Customer specific template (if requested)
<input checked="" type="checkbox"/>	Multiple part number sheet
<input type="checkbox"/>	Data (qualification plan, qualification report, etc ...)
<input checked="" type="checkbox"/>	Others (precise: change description details and validation)



**Process Change Notification - PCN
Multiple part Number sheet**

Melexis part Number	Customer part Number	Sample availability	Designation (optional)
90316KDC-BCG-000-RE	N/A	week 29	
90316KDC-BCG-200-RE	N/A	week 29	
90316KDC-BCG-300-RE	N/A	week 29	
90316LDC-BCG-000-RE	N/A	week 29	
90360KDC-ACD-000-RE	N/A	week 32	
90360KGO-ACD-000-RE	N/A	week 32	
90364LVS-ABB-200-RE	N/A	week 25	
90363KDC-ABB-000-RE	N/A	week 25	
90363KGO-ABB-000-RE	N/A	week 25	
90333KDC-BCH-000-RE	N/A	week 30	
90333KDC-BCT-000-RE	N/A	week 30	