

Title of Change:	Update of the silicide module for products on 0.5um technology from fab2.	
Proposed first ship date:	2 February 2016	
Contact information:	Contact your local ON Semiconductor Sales Office	
Samples:	Contact your local ON Semiconductor Sales Office	
Additional Reliability Data:	Contact your local ON Semiconductor Sales Office or <peter.lammens@onsemi.com></peter.lammens@onsemi.com>	
Type of notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. ON Semiconductor will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact <pcn.support@onsemi.com>.</pcn.support@onsemi.com>	
Change Part Identification:	After PCN approval or beyond 90 days, the new salicide module will be implemented. Full traceability is available for lots processed with new route. If needed the first lot number can be communicated on request.	
Change category:	Wafer Fab Change Assembly Change Test Change Other	
Change Sub-Category(s): Material Change Datasheet/Product Doc change Manufacturing Site Change/Addition Product specific change Shipping/Packaging/Marking Manufacturing Process Change Other:		
Sites Affected: All site(s) not applicable ON Semiconductor site(s) : External Foundry/Subcon site(s) ON Oudenaarde, Belgium		
Description and Purpose: This is a Final notification to Onsemi customers that the product of 0.5 um technology flow will be updated for salicidation module. The new salicidation module enables improved salicidation compared to the old process route. This will show lower salicide resistances for specific Etest parameters.		
Reliability Data Summary:		
The change is in accordance with the FAB change action board rules. All results are meeting the projected qualification plan.		
To access file attachments on pdf copy of PCN, please be guided by the steps below: 1. Download pdf copy of the PCN to your computer 2. Open the downloaded pdf copy of the PCN 3. Click on the paper clip icon available on the menu provided in the left/bottom portion of the screen to reveal the Attachment field 4. Then click on the attached file/s		
All affected parts have been qualified using three product qualification vehicles (0C587-002, 0DETA-001 and 0FULL-002). Details can be found in the attached qualification results presentation.		



Electrical Characteristic Summary:

This is an improvement, by means of lower resistivity, will be present on salicide related parameters that are measured at Etest structures. However no significant impact is present on electrical product distributions.

List of Affected Standard Parts:	
Part Number	Qualification Vehicle
0A597-001-XDW	0C587-002, 0DETA-001,0FULL-002

List of Affected Customer Specific Parts:

NOTE: Please be informed that parts impacted by this PDN/PCN are Special/Customer specific parts, thus MPN & CPN info will be available to affected customers only by clicking the "Custom PCN for Selected Company Button" in the Document Analysis page of PCMS/PCN Alert.

Part Number	Qualification Vehicle
0DANF-001-XWF	0C587-002, 0DETA-001,0FULL-002
0DANF-002-XWF	0C587-002, 0DETA-001,0FULL-002
0FPHA-001-XWF	0C587-002, 0DETA-001,0FULL-002
0FSAA-001-XWF	0C587-002, 0DETA-001,0FULL-002
0FSOC-001-XWF	0C587-002, 0DETA-001,0FULL-002
0FSOD-002-XWF	0C587-002, 0DETA-001,0FULL-002
0FSOH-001-XWF	0C587-002, 0DETA-001,0FULL-002
0FSOJ-001-XWF	0C587-002, 0DETA-001,0FULL-002
0FSOJ-002-XWF	0C587-002, 0DETA-001,0FULL-002
0FSOL-001-XWF	0C587-002, 0DETA-001,0FULL-002
0FSOT-001-XWF	0C587-002, 0DETA-001,0FULL-002
0FULC-002-XWF	0C587-002, 0DETA-001,0FULL-002
0FULF-001-XWF	0C587-002, 0DETA-001,0FULL-002
0FULH-001-XWF	0C587-002, 0DETA-001,0FULL-002
0FULI-003-XSW	0C587-002, 0DETA-001,0FULL-002
0FULL-002-XSW	0C587-002, 0DETA-001,0FULL-002
0IMMC-001-XWF	0C587-002, 0DETA-001,0FULL-002
0IMMD-001-XWF	0C587-002, 0DETA-001,0FULL-002
0IQMA-001-XWF	0C587-002, 0DETA-001,0FULL-002
0IQMA-002-XWF	0C587-002, 0DETA-001,0FULL-002
0IQMA-003-XWF	0C587-002, 0DETA-001,0FULL-002
0IQPA-001-XWF	0C587-002, 0DETA-001,0FULL-002
0IQQA-001-XWF	0C587-002, 0DETA-001,0FULL-002
0IQQA-002-XWF	0C587-002, 0DETA-001,0FULL-002
0IQQA-003-XWF	0C587-002, 0DETA-001,0FULL-002
0IQXA-900-EPW	0C587-002, 0DETA-001,0FULL-002
OIUAR-900-EPW	0C587-002, 0DETA-001,0FULL-002
0IUAU-001-XWF	0C587-002, 0DETA-001,0FULL-002
0IUEA-902-EPW	0C587-002, 0DETA-001,0FULL-002



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OIUEA-904-EPW	0C587-002, 0DETA-001,0FULL-002
0IUQA-901-EPW	0C587-002, 0DETA-001,0FULL-002
0IUVA-902-EPW	0C587-002, 0DETA-001,0FULL-002
0IXOA-900-EPW	0C587-002, 0DETA-001,0FULL-002
OSFAA-900-EPW	0C587-002, 0DETA-001,0FULL-002
0UBAA-002-XTD	0C587-002, 0DETA-001,0FULL-002
0FSOA-002-XWF	0C587-002, 0DETA-001,0FULL-002