




Process/Product Change Notification (PCN) Form
 QAL-09-1007 Revision I

To be completed by PCN Coordinator					
PCN #	13-0051 (PA)		PCN Date	07 June 2013	
RFMD Information					
Initiator	Joel Morgan		Date	04 June 2013	
Post to PCN Alert?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	E-mail	PCNresponse@rfmd.com	
PCN Information					
<input type="checkbox"/> Customer Approval Required		<input checked="" type="checkbox"/> Notification Only			
Type of Change:	<input type="checkbox"/> Major	<input checked="" type="checkbox"/> Minor	<input type="checkbox"/> Obsolescence		
Change Affects	<input type="checkbox"/> Form	<input type="checkbox"/> Fit	<input type="checkbox"/> Function	<input type="checkbox"/> Reliability	<input checked="" type="checkbox"/> N/A
The following applies to all change classifications (Major, Minor, Obsolescence)					
Description of Change: RFMD will introduce wafer production with copper deposited on the backside of the wafer to replace gold. New products will be introduced using this technology throughout the second half of calendar year 2013. Additionally, upon completion of the technology qualification, existing production will be converted from gold backside to copper backside as capacity is installed. By January 2014, all production will be manufactured using the copper backside process.					
Reason for Change: Copper backside improves thermal conductivity and resistivity when compared to gold. Copper is also a less expensive material to manufacture and is necessary to meet pricing agreements in the future.					
Affected Products: All HBT, FET, and BiFET processes.					
The following only applies to Major and Minor Changes					
Affected Product Specification (if applicable): None					
Detail of potential impact to customer: None					
Qualification Plan or Data (if applicable): See attached in comments section					
Customer Samples Available (if applicable): Limited samples available. Contact RFMD sales or quality representative.					
Qualification Results Available (if applicable): Per attached plan in comments section					
Planned Implementation Date: Fully implemented 1 Jan 2014					
Identification of Changed Product (if applicable): N/A					
Comments and/or Supporting Data:					
Click on icon to view additional details on this change: 					
The following only applies to Obsolescence Notifications					
Last Time Buy Date	N/A				
Last Time Ship Date	N/A				
Alternate Part Recommendation	N/A				
Customer Acknowledgement/Responses All Customer responses must be sent via e-mail to PCNresponse@rfmd.com . When replying, please include the PCN number in subject line. Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change. After acknowledgement, lack of additional response prior to the planned implementation date constitutes acceptance of the change. An acceptance, concern, sample order request or a request for further information should be submitted to RFMD in a timely fashion, (i.e., customer should not wait to the end of the review period before responding). If the customer requires additional time to perform sample testing, beyond the stated planned implementation date, an extension must be negotiated with RFMD. Any contractual PCN agreements made with RFMD supersede these requirements.					
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Internal RFMD Reference ➤ QAL-09-1006 for detailed instructions and an outline of the process.					