

Advance

CUSTOMER PRODUCT-/ PROCESS CHANGE NOTIFICATION

Sales contact persons (ref: SNT-SQ-650B) are to forward the contents of this Notification to their Customers for these products.

CPCN Number: 200305025	CPCN Issue Date: May 28 2003
Author: Maas Geesteranus, Michiel in Nijmegen	Issued by: Maas Geesteranus, Michiel in Nijmegen

IC Application Area: In Multiple IC Areas					
Change Affects a Whole Prod/Proc/Pkg Family? No					
Product Types/12ncs Affected:					
12NC	12NC (New)	Type Number	Type Number (New)	Philips Package Code	Package Name
999999999999		FOR THE TYPelist	SEE THE WEBPAGE A	INDICATED BELOW	UNDER REMARKS
Change Category: ASSEMBLY/SITE/PACKAGE/MATERIAL					
Change Description: Lead (Pb) containing leadfinish material will be replaced by a lead(Pb)-free leadfinish material, starting from October 1st, 2003 onwards. For in-house assembled SO/SSOP/TSSOP packages this will be NiPdAu, and for all other SMD packages this will be matte Sn. In the product list (see file in attached ZIP file) it is indicated if a certain type will change to matte Sn or to NiPd.					
Reason for Change: Increased environmental friendliness, forced by world-wide programs and legislation to ban out lead (Pb) from semiconductor packages.					
Properties of Old vs. Changed Product:			Data Sheet Revision: No		
The properties of the package are not influenced by the change. However because leadtin(SnPb)plating is replaced by matte tin(Sn)plating or NiPdAu preplating, the visual appearance of the leads may change. The mounting of products on PCB are not influenced in any way by this change.					
The Pb-free products can be identified : 1. By a Pb-free sticker on the packing, to start during the conversion period. 2. If space permits : by marking a special symbol on the package / product. 3. By backward traceability through marked product manufacturing codes. Note: The 12NC's of packed products will not change.					
Disposition of Old Products: Pb-free products delivery starts once Pb-containing products are depleted.					
Self Qualification Start Date: Apr 2003					
Tentative Date of Implementation of the Change: Oct 01 2003					
Sample Availability: Evaluation samples can be built upon request.					
Remarks: The "Self Qualification Plan Attached" below contains following information (in a ZIP file): 1. Conversion roadmap 2. Lead-free sticker on packing For all other (up-to-date) information a webpage has been created: http://www.semiconductors.com/green_roadmap/ .					
Date for Customer Feedback: Jul 01 2003 (Note: If no comments are received by the date indicated, this will be taken as your agreement to change.)					
Self Qualification Plan Attachment: Attached					



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Approved by:	Name:	Job Title:	Date:
	Eef Bagerman	Director ATO Innovation	May 28 2003
	Jan van de Water	Pb-free Program Manager	May 28 2003
	Michiel Maas Geesteranus	Assembly Technical Change Coordinator ATO I	May 28 2003

An approved electronic or hardcopy version of this Change Notification has been filed by the publishing Business Unit or Business Line/Organization mentioned at the top of this document.