



Product Change Notice

Issue Date: 01 August 2005

Change Type:

- A. Change the format of Product Labels, on unit box (second level box) and Moisture Barrier Bag to improve lot traceability processing conditions and Pb free information on the label. This change is classified as minor but need customer to review and approve the change.
- B. For our Protocol ICs, we will also be removing the Errarta label and critical information that were previously on the errata label will now be printed on the new product label as described in change A.

Part(s) Affected:

Physical Layer ICs		
HDMP-0421	HDMP-0482GR1	HDMP-1638R1
HDMP-0421G	HDMP-0482R1	HDMP-1646A
HDMP-0421GR1	HDMP-0552	HDMP-1646AG
HDMP-0421GR2	HDMP-0552G	HDMP-1646AGR1
HDMP-0421R1	HDMP-1022	HDMP-1646AR1
HDMP-0421R2	HDMP-1022G	HDMP-1685A
HDMP-0422	HDMP-1024	HDMP-1685AG
HDMP-0422G	HDMP-1024G	HDMP-1687
HDMP-0422GR1	HDMP-1032A	HDMP-1687G
HDMP-0422GR2	HDMP-1032AG	HDMP-1736
HDMP-0422R1	HDMP-1032AGR1	HDMP-2630B
HDMP-0422R2	HDMP-1032AR1	HDMP-2630BR1
HDMP-0440	HDMP-1034A	HDMP-2630BX
HDMP-0450	HDMP-1034AG	HDMP-2631B
HDMP-0450G	HDMP-1034AGR1	HDMP-2631BR1
HDMP-0450GR1	HDMP-1034AR1	HDMP-2634
HDMP-0450R1	HDMP-1536A	HDMP-2689
HDMP-0451	HDMP-1536AG	HDMP-2689G
HDMP-0451G	HDMP-1536AGR1	HDMP-3001
HDMP-0451GR1	HDMP-1536AR1	HDMP-3268
HDMP-0451R1	HDMP-1636A	HDMP-T1636A
HDMP-0452	HDMP-1636AG	HDMP-T1636AG
HDMP-0452G	HDMP-1636AGR1	HDMP-T1636AGR1
HDMP-0452GR1	HDMP-1636AR1	HDMP-T1636AR1
HDMP-0452R1	HDMP-1637A	QDMP-1696
HDMP-0480	HDMP-1637AR1	QDMP-1696G
HDMP-0480G	HDMP-1638	HDMP-0520
HDMP-0482	HDMP-1638G	HDMP-0540
HDMP-0482G	HDMP-1638GR1	

Protocol ICs
HPFC-5100D
HPFC-5166B
HPFC-5200D
HPFC-5200E
HPFC-5250D
HPFC-5400C
HPFC-5400D
HPFC-5450D
HPFC-5600A
HPFC-5600B
HPFC-5650A
HPFC-5650B
HPFC-5700A
HPFC-5700B
HPFC-5750B
HPFC-6000A
HPFC-6200A
HPFC-6200B
HPFC-6400A
HPFC-6400B
HPFC-6450B
HPFC-6600A

Description and Extent of Change:

Change A.

The Agilent Product Label provides information to customer, in addition to Agilent's warehouse's Bar Code label (which located at one end of box). The new label format is created to standardize the label format across ASIC/ASSP product lines in Semiconductor Products Group.

There are 5 changes to the label:

1. Change of barcoding symbology from Code 3 of 9, which is a universal coding symbology to Code 128; another universal coding symbology. Code 128 is more condensed; hence more characters can be packed into the barcode without increasing the barcode length that might be too long for some barcode readers.
2. Change of label size from 4" x 2" to 4" x 2.5", re-arrange locations of barcode / text fields.
3. To add new information such as Pb free labeling information (per JESD97 and IPC-1066) for Pb free products, MSL level, maximum exposure time ...etc.
4. Unified the Lot Code on the label to link to Agilent's Shop Floor Management system, to streamline lot traceability.

Change B. For Protocol ICs only

Currently, a standard errata label is included in each shipment of Tachyon ICs. This errata label contain standard information that are for info except a .

Reasons for Change:

Change A

1 to 4 : To standardize and include Pb free labeling information on the label.

Change B

To further simplify the packing process and print only critical information for customer.

Effect of Change on Form, Fit, Function, Quality, or Reliability:

These changes does not impact Form, Fit, or Function of the devices. Qualification is not required. These changes only affect the product labels on the unit box and moisture barrier bag and all existing information will still be offered.







Effective Date of Change:

Target Date of Implementation: 1 Oct 2005.

Appendix A: Location of the Product Label on baby box and Moisture Barrier Bag.

Existing	Propose Change
 <p>The image shows the exterior of a cardboard box. The Agilent Technologies logo and name are printed in the center. Two shipping labels are affixed to the bottom left corner of the box.</p>	 <p>The image shows the exterior of a cardboard box, similar to the existing one. The Agilent Technologies logo and name are printed in the center. Two shipping labels are affixed to the bottom left corner, but they are positioned higher and more centrally than in the existing version.</p>
 <p>The image shows the interior of the cardboard box. A moisture barrier bag is visible, containing a product. The bag has a label on its right side. The shipping labels from the exterior are also visible on the bag.</p>	 <p>The image shows the interior of the cardboard box. A moisture barrier bag is visible, containing a product. The bag has a label on its right side. The shipping labels from the exterior are also visible on the bag.</p>
 <p>The image shows a close-up of the moisture barrier bag. It is a rectangular, crinkled silver bag with a label on the right side. The label contains shipping information and a caution notice.</p>	 <p>The image shows a close-up of the moisture barrier bag. It is a rectangular, crinkled silver bag with a label on the right side. The label contains shipping information and a caution notice.</p>

Appendix B : Samples of New Label

 Manufacturer: Agilent	 Product ID: HPFC-5400D REV 1.2	
 Lot Code: DSID010234	TACHYON DX2	
 Date Code: 0532	 Qty: 100	 Assembly: TAIWAN
MSL = 3		April 12, 2005
Mount within <u>168 hours</u> of factory conditions < 30 deg C/80% RH		
Max. Safe Process Temperature: <u>220 deg C</u>		
Important ! Contact Agilent Components Engineer for latest Errata Sheet		

Notes: The sample labels here are not "scannable" with barcode scanner, due to poor screen captured resolution. If actual label is needed for barcode testing, please send your request to your sales engineer or to email to SAND_CCCN@agilent.com.