

IQC 檢驗重點

料號	10HB3-714064-30R	品名規格	GDDR5 H5GQ2H24AFR-T2C HYNIX SMD FBGA170 64M*32 2GB
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零件樣品圖：



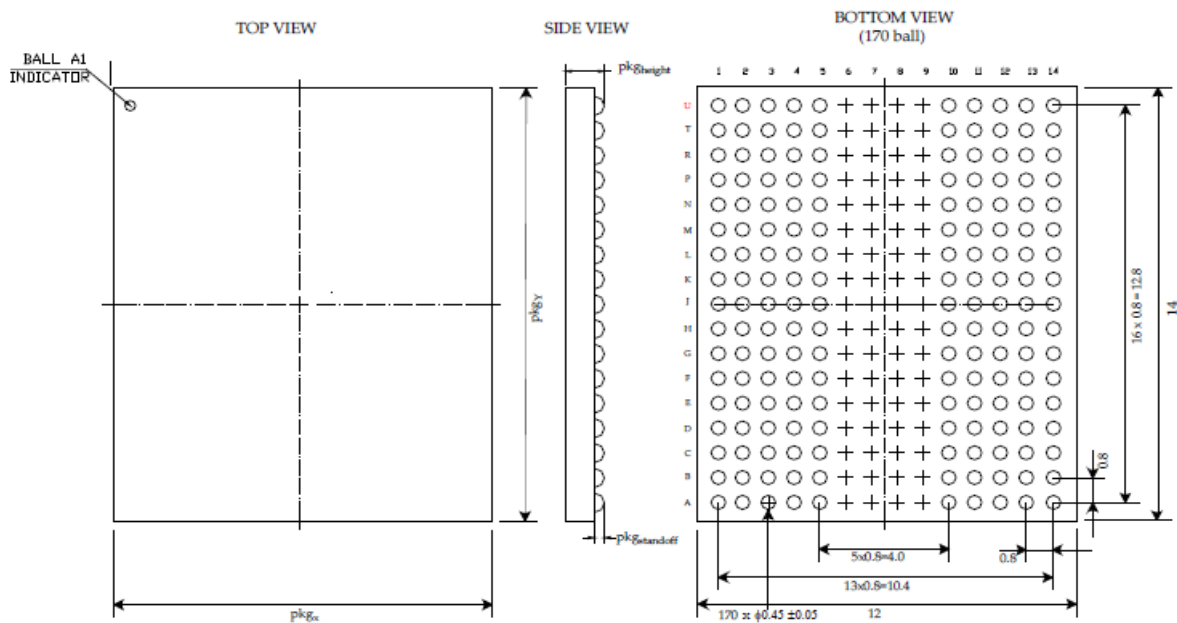
外觀文字面檢驗重點：

1. HYNIX: Company Logo (不可變)
2. H5GQ2H24AFR T2C : Part number (不可變)
3. 202A: Date code (可變)
4. VWLK0018DC: Lot Number (可變)
5. ●: PIN1(不可變)

Hynix內部因股權結構變化, 公司Logo變更為SKhynix, 現加入SKhynix列入IQC檢驗允收規範(附廠商名稱變更說明).

注：變更前後兩種Logo均列入允收範圍

機構尺寸工程圖：



IQC電氣、機構檢驗重點：

1. 量測各部尺寸須與規格值相符.
2. 檢視產品外觀，表面無異物，且不得有任何破損及變形.

μ -EDX 需依照HCSR 有害物質管制規範實施檢測，並參照FP-0743-05-03 IQC EDX Test Guide 規範。

Date：2012/04/16	Rev. 00	首次發行
Date：2013/03/19	Rev. 01	新增文字面廠商Logo說明

Process Change Notification

- o **ITEM** : ***SK hynix CI(Corporate Identity) Change,
from hynix to SK hynix.***

- o **PRODUCT** : ***ALL***

Date Issued : Apr. 10, 2012

Issued by :

***CH Lee
V.P / QRA***

Tel : 82-31-639-9164

E-mail : cheolho.lee@skhynix.com

SK hynix Inc.	Process Change Notification	PCN # : H-12-0ALL-AL-P-003 Date : Apr. 10 , 2012
1. Customer : All Customers	2. Device : All	
3. Title : SK hynix CI(Corporate Identity) Change, from hynix to SK hynix.		
4. Purpose	5. Description	
To implement new CI(corporate identity) of SK hynix on all devices and stuff which have old hynix CI.	CI(Corporate identity) will be changed from hynix to SK hynix as below. -. Changed groups : Component, Module, Packing Material, Label, Others. -. From July 1st, 2012(WW27) new CI will be used from independent steps. -. During July, two CI will coexist. From August 1st, CI will be unified as new one.	
6. Effective Date	7. Evaluation Results & Schedule : Appendix (No, Yes)	
Jul. 01, 2012 (Date Code : WW27~)		
Remarks :		
SK hynix would like to receive feedback from our customers about new CI(corporate identity) scheme.		

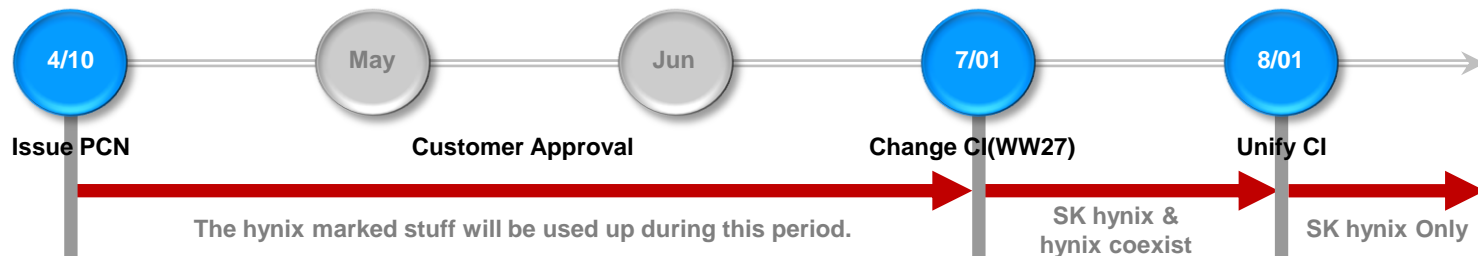
CI(Corporate Identity) Change Schedule

From August 1st, SK hynix CI will be unified as new one.

CHANGE SCHEME



IMPLEMENTATION SCHEDULE



*** EXCEPTION

- ✓ PKG Tray will use two CI even after Aug. 1st, 2012. New PKG size tray will use new CI.
- ✓ Module PCB will use two CI even after Aug. 1st, 2012. New Gerber PCB will use new CI.
- ✓ Module heat sink , module tray body and cap will unify CI from Oct. 1st, 2012.

Major Changed Category

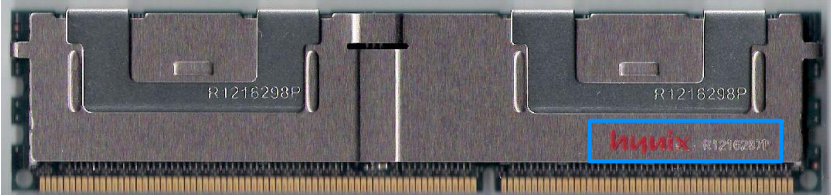
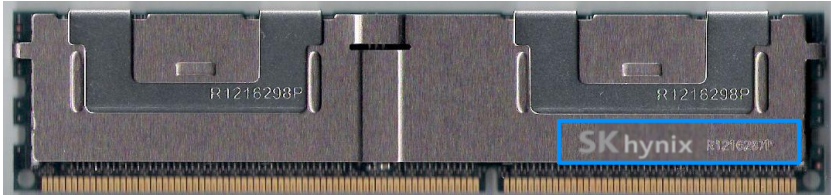
CATEGORY	ITEMS
Component	<ul style="list-style-type: none">• Top marking
Module	<ul style="list-style-type: none">• Heat sink• PCB
Packing material	<ul style="list-style-type: none">• Component AI-Bag• Inner Box• Outer Box
Label	<ul style="list-style-type: none">• Inner Box Label• 2D Barcode Information• Customer Label• Outer Box Customer Label• IPK Module Label• Module Normal Label• mSATA Label• Standard SSD Label• Container Box
Others	<ul style="list-style-type: none">• Seal (Component, Module, QA)• Hynix Label• Numonyx (Micron) Label• Quality certificate• Invoice document• Packing list• 출하 검사 성적서• Shipping list

Appendix

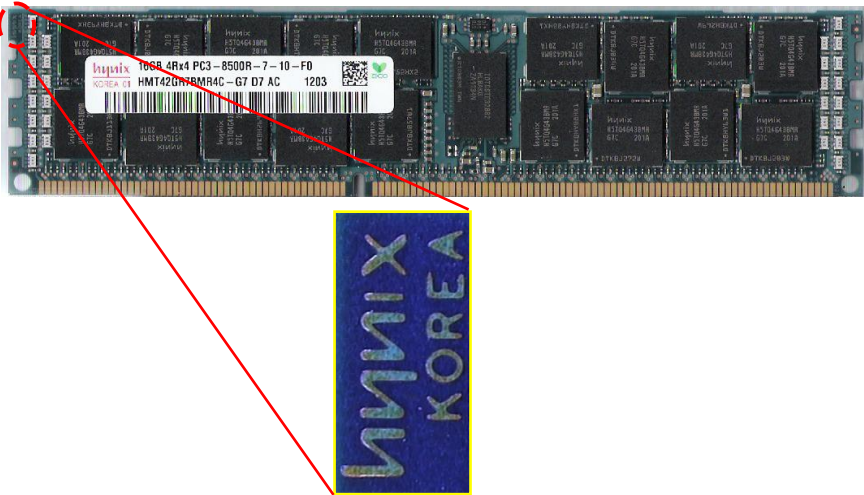
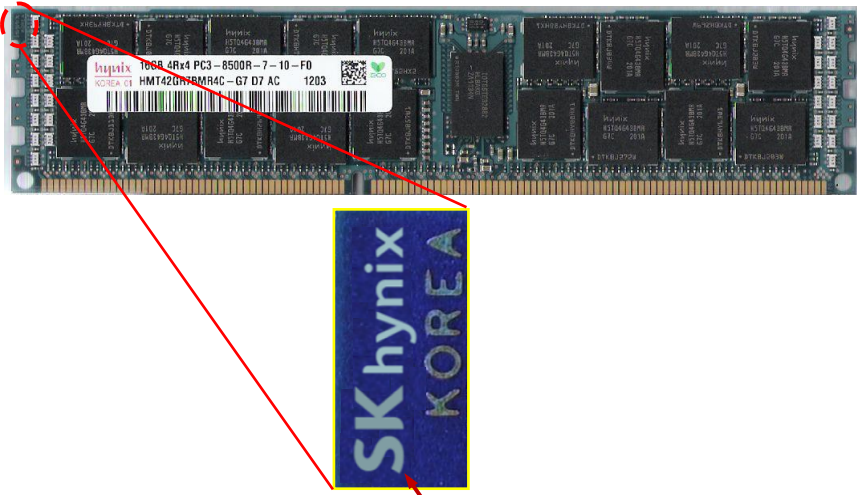
Component

Customer : All		Item : Top Side Marking	
OLD		NEW	
<h1>hynix</h1> <p>Example</p> 		<h1>SK hynix</h1> <p>Example</p> 	
Old type Description : hynix		New type Description : SK hynix	

Module

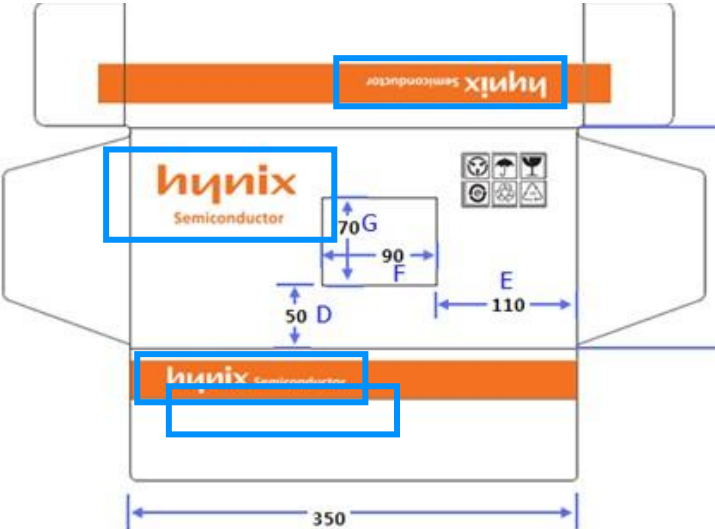
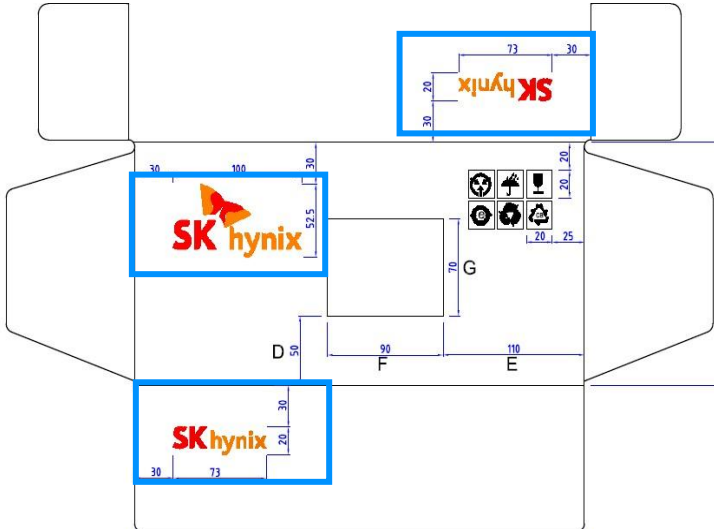
Customer : All	Item : Heat Sink
OLD	NEW
<div><h2>hynix</h2><p>Example</p>A photograph of an old Hynix heat sink module. The module is dark grey with a gold-plated edge connector. It features two large heat sinks on the top surface. The Hynix logo is visible on the bottom right of the module, highlighted with a blue box. The part number R1216298P is printed on the top surface.</div>	<div><h2>SK hynix</h2><p>Example</p>A photograph of a new SK hynix heat sink module. The module is dark grey with a gold-plated edge connector. It features two large heat sinks on the top surface. The SK hynix logo is visible on the bottom right of the module, highlighted with a blue box. The part number R1216298P is printed on the top surface.</div>
Old type Description : hynix	New type Description : SK hynix

Module



Customer : All	Item : All Module PCB
OLD	NEW
<div><h2>hynix</h2><p>Example</p><p>The image shows an old Hynix memory module. A red circle highlights the top-left corner of the module. A red line connects this circle to a blue label with 'hynix KOREA' text. The label is oriented vertically.</p></div>	<div><h2>SKhynix</h2><p>Example</p><p>The image shows a new SKhynix memory module. A red circle highlights the top-left corner of the module. A red line connects this circle to a blue label with 'SKhynix KOREA' text. The label is oriented vertically.</p><p>Color will be same with "KOREA".</p></div>
Old type Description : hynix	New type Description : SK hynix

<p>Customer : All</p>	<p>Item : Component AI-Bag</p>
<p>OLD</p> <div data-bbox="319 299 774 458"> </div> <p>Example</p> <div data-bbox="250 554 824 998"> </div>	<p>NEW</p> <div data-bbox="1359 294 1725 485"> </div> <p>Example</p> <div data-bbox="1299 554 1775 998"> </div>
<p>Old type Description : hynix</p>	<p>New type Description : SK hynix</p>

Packing material

Customer : All	Item : Inner Box
OLD	NEW
<div>Example</div> 	<div>Example</div> 
Old type Description : hynix	New type Description : SK hynix



Packing material

Customer : All	Item : Outer Box (@Wafer Only)
OLD	NEW
<p>hynix</p> <p>Example</p>  <p>The image shows an old-style Hynix outer box. It is a white cardboard box with a blue and red label on the front. The label features the Hynix logo and the word 'FRAGILE' with a warning icon. The box is placed on a blue plastic pallet.</p>	<p>CHANGE ITEMS</p> <p>a. Deletion of “hynix Semiconductor” b. Changed box color from white to gray</p> <p>Example</p>  <p>The image shows a new-style SK Hynix outer box. It is a gray cardboard box with a blue and red label on the front. The label features the SK Hynix logo and the word 'FRAGILE' with a warning icon. The box is placed on a blue plastic pallet.</p>
Old type Description : hynix	New type Description : SK hynix

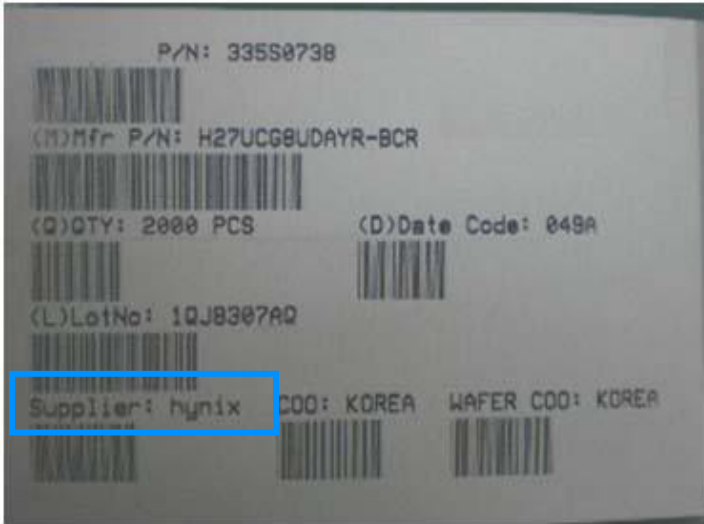
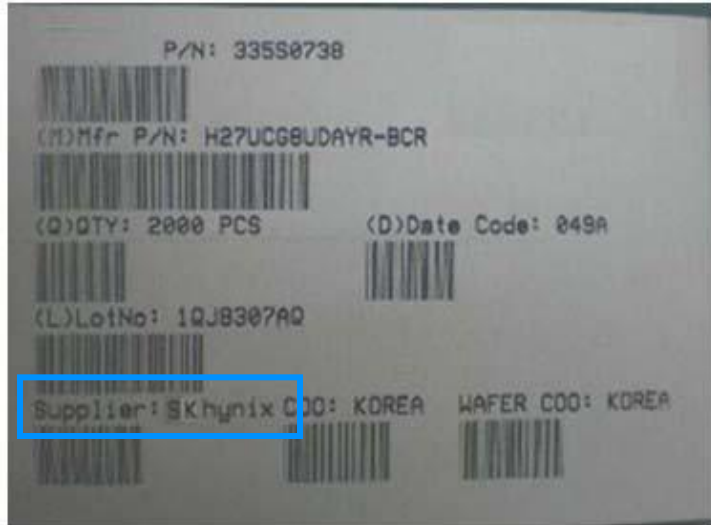
Label

Customer : All	Item : Inner Box Label
OLD	NEW
<div></div> <div>Example</div> <div></div>	<div></div> <div>Example</div> <div></div>
Old type Description : hynix	New type Description : SK hynix

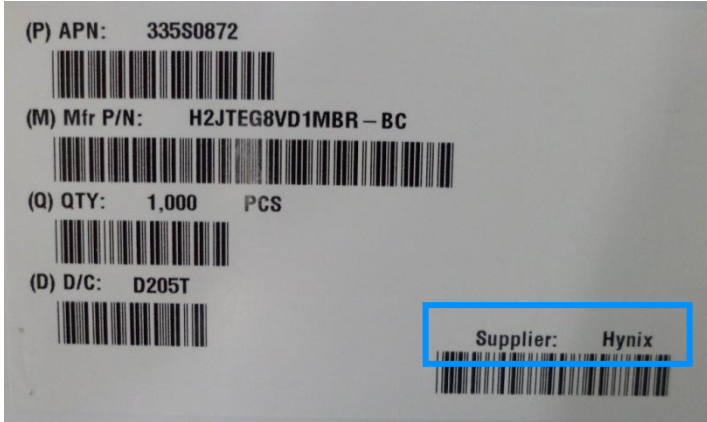
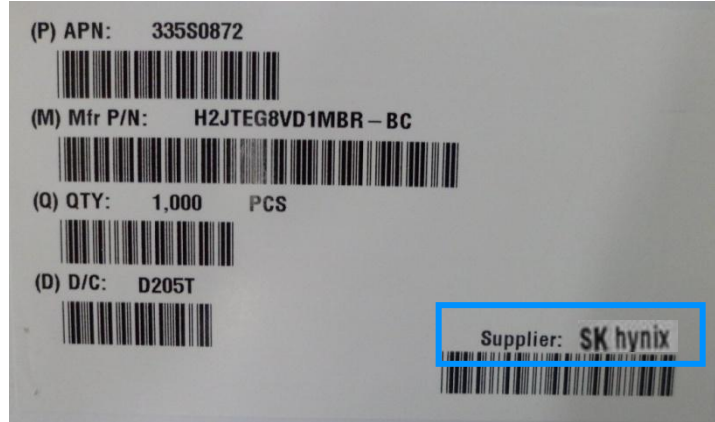
Others

Customer : All	Item : 2D Barcode Information																																																																
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<div><div><h1>hynix</h1><p>Example</p><div><div>Q'TY: 1600 EA DATE CODE:820A PACK DATE:2008/05/13</div><div><div>Additional information</div><div></div></div><div>ASSEMBLED IN KOREA FROM WATER FABRICATED IN CHINA</div><div>2D Barcode</div></div></div></div>	<div><div><h1>SK hynix</h1><p>Example</p><div><div>Q'TY: 1600 EA DATE CODE:820A PACK DATE:2008/05/13</div><div><div>Additional information</div><div></div></div><div>ASSEMBLED IN KOREA FROM WATER FABRICATED IN CHINA</div><div>2D Barcode</div></div></div></div>																																																																
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Label

Customer : All	Item : Inner Box Customer Label
OLD	NEW
<div><h2>hynix</h2><p>Example</p><p>The image shows an old Hynix label with the following text: P/N: 335S0738, (M)Mfr P/N: H27UCG8UDAYR-BCR, (Q)QTY: 2000 PCS, (D)Date Code: 049A, (L)LotNo: 1QJ8307A0, and Supplier: hynix. The 'Supplier: hynix' text is highlighted with a blue box.</p></div>	<div><h2>SKhynix</h2><p>Example</p><p>The image shows a new SKhynix label with the following text: P/N: 335S0738, (M)Mfr P/N: H27UCG8UDAYR-BCR, (Q)QTY: 2000 PCS, (D)Date Code: 049A, (L)LotNo: 1QJ8307A0, and Supplier: SKhynix. The 'Supplier: SKhynix' text is highlighted with a blue box.</p></div>
Old type Description : hynix	New type Description : SK hynix


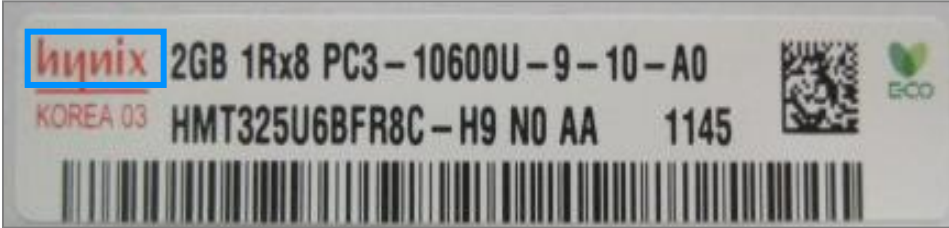


Label

Customer : All	Item : Outer Box Customer Label
OLD	NEW
<h1>hynix</h1> <p>Example</p> 	<h1>SK hynix</h1> <p>Example</p> 
Old type Description : hynix	New type Description : SK hynix











Label

Customer : All	Item : IPK Module Label
OLD	NEW
<h1>hynix</h1> <p>Example</p>	<h1>SK hynix</h1> <p>Example</p>
Old type Description : hynix	New type Description : SK hynix

Label

Customer : All	Item : Module Normal Label
OLD	NEW
 <p>Example</p> 	 <p>Example</p> 
Old type Description : hynix	New type Description : SK hynix

Label

Customer : All	Item : mSATA Label
OLD	NEW
 <p>Example</p> <div>   <p>Made In KOREA</p> <p>P/N : HF120GAMNM</p> <p>S/N : EI99Q100922110001</p> <p>SSD Rate : DC + 3.3V 1A FW : 10200A00</p> <p>Density : 120GB WW : 1202</p> <p>Warranty Void If Label Removed or Damaged</p>  </div> <div>  </div>	 <p>Example</p> <div>   <p>Made In KOREA</p> <p>P/N : HF120GAMNM</p> <p>S/N : EI99Q100922110001</p> <p>SSD Rate : DC + 3.3V 1A FW : 10200A00</p> <p>Density : 120GB WW : 1202</p> <p>Warranty Void If Label Removed or Damaged</p>  </div> <div>  </div>
Old type Description : hynix	New type Description : SK hynix



Label

Customer : All	Item : Standard SSD Label
OLD	NEW
<div data-bbox="321 307 777 458" data-label="Image"> </div> <p data-bbox="145 518 259 548">Example</p> <div data-bbox="149 565 924 1095" data-label="Image"> </div>	<div data-bbox="1270 311 1796 454" data-label="Image"> </div> <p data-bbox="1133 518 1247 548">Example</p> <div data-bbox="1139 565 1914 1095" data-label="Image"> </div>
Old type Description : hynix	New type Description : SK hynix


Label

Customer : All	Item : Container Box
OLD	NEW
<h2>hynix</h2> <p>Example</p> 	<h2>SK hynix</h2> <p>Example</p> 
Old type Description : hynix	New type Description : SK hynix

Others



Customer : All	Item : Seal
OLD	NEW
<div><h1>hynix</h1><p>Example</p></div>	<div><h1>SK hynix</h1><p>Example</p></div>
Old type Description : hynix	New type Description : SK hynix

Others

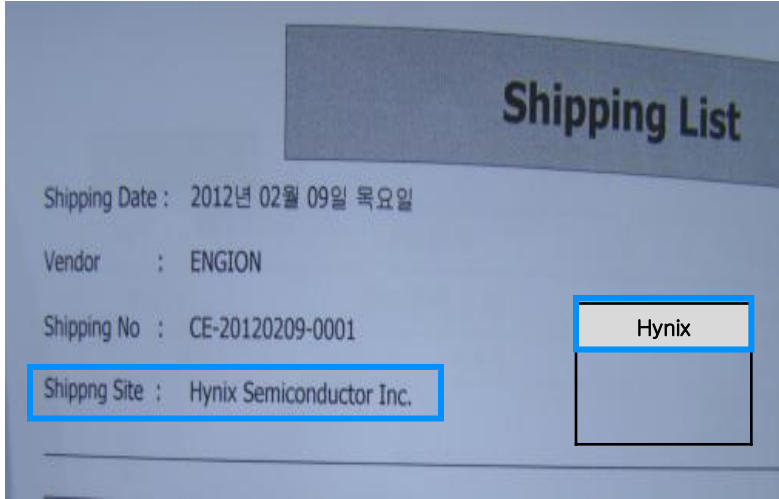
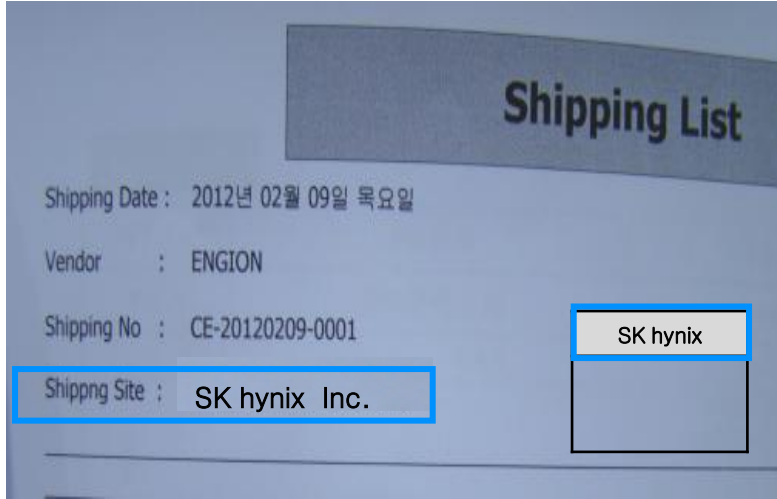
Customer : All	Item : Hynix, Numonyx Label
OLD	NEW
<h1>hynix</h1> <p>Example</p> 	<h1>SK hynix</h1> <p>Example</p> 
Old type Description : hynix	New type Description : SK hynix

Customer : All	Item : Quality Certificate
OLD	NEW
<h2>hynix</h2> <p>Example</p> 	<h2>SK hynix</h2> <p>Example</p> 
Old type Description : hynix	New type Description : SK hynix

Others

Customer : All	Item : 출하 검사 성적서																												
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Old type Description : hynix	New type Description : SK hynix																												

Others

Customer : All	Item : Shipping List
OLD	NEW
<h1>hynix</h1> <p>Example</p> 	<h1>SK hynix</h1> <p>Example</p> 
Old type Description : hynix	New type Description : SK hynix