

### Shielding bag for reels of the Calamba & Amkor FPN packages

#### What is the change?

The reels of the VFQFPN32, UFDFPN8, WFDFPN8 & UFDFPN5 packages are now packed into a shielding bag (\*).

Perimeter of this PCI is the first below packages impacted by this change from ST Calamba (Philippines) and Amkor Subcontractor (Philippines) of MMS Group:

- VFQFPN32 (QFN32 5x5)
- UFDFPN8 (MLP8 2x3)
- WFDFPN8 (MLP8 2x3 Automotive)
- UFDFPN5 (DFN5 1.4x1.7)

(\*): *Plastic, transparent, antistatic*

The introduction of the shielding bag on those packages is a part of shielding bag deployment already started in 2015 (ref PCI 9379).

#### Why?

This shielding bag will protect the product during exposure to uncontrolled environment before product usage (transportation/storage).

#### When?

The new packing for the VFQFPN32, UFDFPN8, WFDFPN8 & UFDFPN5 packages assembled at ST Calamba (Philippines) started from Week 07 / 2016 and will start at Amkor Subcontractor (Philippines) Week 14 / 2016.

#### How will the change be qualified?

The packing with the shielding bag has been qualified using the standard ST Microelectronics Corporate Procedures for Quality & Reliability.

#### What is the impact of the change?

- **Form:** Transparent shielding bag (packing material)
- **Fit:** N/A
- **Function:** N/A

#### How can the change be seen?

Change will be seen at unpacking.

**Appendix A- Product Change Information**

<b>Product family / Commercial products:</b>	ST Calamba (Philippines) & Amkor subcontractor (Philippines) products in: VFQFPN32 (QFN32 5x5) UFDFPN8 (MLP8 2x3) WFDFPN8 (MLP8 2x3 Automotive) UFDFPN5 (DFN5 1.4x1.7)
<b>Customer(s):</b>	All
<b>Type of change:</b>	Packing
<b>Reason for the change:</b>	Protection against uncontrolled environment.
<b>Description of the change:</b>	The reels of VFQFPN32, UFDFPN8, WFDFPN8 &, UFDFPN5 packages from ST Calamba (Philippines) & Amkor subcontractor (Philippines) are now packed into a shielding bag.
<b>Forecast date of the change:</b>	Week 07 / 2016 for ST Calamba (Philippines) Week 14 / 2016 for Amkor subcon. (Philippines)
<b>Forecast date of <u>Qualification samples</u> availability for customer(s):</b>	N/A
<b>Date of first shipment:</b>	Week 14 / 2016



Example of reel packed with shielding bag

**Appendix B- List of Concerned Products**

UFDFPN8		WFDFPN8	UFDFPN5	VFQFPN32
M24128-BFMC6TG	M24SR02-YMC6T/2	M24128-DRMF3TG/K	M24128-BFMH6TG	CR95HF-VMD5T
M24128BFMC6TG/12	M24SR04-GMC5T/2	M24256-DRMF3TG/K	M24C16-FMH6TG	RX95HF-VMD5T
M24128-DFMC6TG	M24SR04-YMC6T/2	M24512-DRMF3TG/K	M24C32-FMH6TG	ST95HF-VMD5T
M24256-BFMC6TG	M24SR16-YMC6T/2	M24C02-DRMF3TG/K	M24C64-FMH6TG	STRNFCABQFNQJBZ
M24256-DFMC6TG	M24SR64-YMC6T/2	M24C04-DRMF3TG/K	ST25TA02K-DC6H5	STRNFCACQFNQJCZ
M24512-DFMC6TG	M34E02-FMC6TG	M24C08-DRMF3TG/K	ST25TA02K-PC6H5	
M24C02-FMC6TG	M34E02-FMC6TGM	M24C16-DRMF3TG/K		
M24C02-RMC6TG	M34E04B-FMC9TG	M24C32-DRMF3TG/K		
M24C02-RMC6TG/12	M34E04-FMC9TG	M24C64-DRMF3TG/K		
M24C04-FMC5TG	M34E04-FMC9TGH	M95020-DRMF3TG/K		
M24C04-FMC6TG	M35A32-SMC6TG	M95040-DRMF3TG/K		
M24C04-RMC6TG	M93C66-RMC6TG	M95080-DRMF3TG/K		
M24C08-FMC5TG	M95020-RMB6TG	M95128-DRMF3TG/K		
M24C08-FMC6TG	M95040-DFMC6TG	M95160-DRMF3TG/K		
M24C08-RMC6TG	M95040-RMC6TG	M95256-DRMF3TG/K		
M24C08-FMC5TG	M95080-DFMC6TG	M95320-DRMF3TG/K		
M24C08-FMC6TG	M95080-RMC6TG	M95512-DRMF3TG/K		
M24C08-RMC6TG	M95128-DFMC6TG	M95640-DRMF3TG/K		
M24C16-FMC5TG	M95128-RMC6TG			
M24C16-FMC6TG	M95160-DFMC6TG			
M24C16-RMB6TG	M95160-RMC6TG			
M24C16-RMC6TG	M95256-DFMC6TG			
M24C16-RMC6TG/12	M95256-RMC6TG			
M24C32-DFMC6TG	M95256-RMC6TG/12			
M24C32-FMC6TG	M95320-RMB6TG			
M24C32-FMC6TG/T	M95320-RMC6TG			
M24C32-RMB6TG	M95320-RMC6TG/12			
M24C32-XMC5TG	M95512-DFMC6TG			
M24C64-DFMC6TG	M95640-DFMC6TG			
M24C64-FMC6TG	M95640-RMB6TG			
M24C64-FMC6TG/T	M95640-RMC6TG			
M24LR04E-RMC6T/2	SRTAG2K-DMC6T/2			
M24LR16E-RMC6T/2	SRTAG2KL-DMC6T/5			
M24LR64D-WMC8T/2	ST25TA02K-PC6C5			
M24LR64E-RMC6T/2	M95512-DRMC6TG			
M24LR64-RMB6T/2	M9551-RMB6TG			
M24512-RMB6TG	M34E02-FMB1TG			
M24512-RMC6TG	M34E02-FMC6TGH			
M24C32-FMB5TG	M35A32-VMB6TG			
M24C64-FMB6TG	M35B32-WMB6TG			
M24C64-FMB6TG/12	M95040-RMB6TG			
M24LR64-RMC6TG/2	M95080-RMB6TG			
	M95128-RMB6TG			
	M95160-RMB6TG			
	M95320-DRMC6TG			
	M95512-DRMB6T			

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<b>Document Revision History</b>		
Date	Rev.	Description of the Revision
February 24, 2016	1.00	First draft creation

<b>Source Documents &amp; Reference Documents</b>		
Source document Title	Rev.:	Date:



## Public Products List

**PCI Title :** Shielding bag for reels of the Calamba & Amkor FPN packages

**PCI Reference :** MMS/16/9678

**PCI Created on :** 25-Feb-2016

**Subject :** Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change.

M24C16-FMC5TG	M95256-RMC6TG	M24C04-FMC6TG
M24C08-RMC6TG	M24512-DFMC6TG	M95128-RMC6TG
M24C16-FMH6TG	M24SR02-YMC6T/2	M24C64-DRMF3TG/K
M24C04-FMC5TG	M95256-DRMF3TG/K	M24128-BFMC6TG
M24C32-FMC6TG	M95128-DFMC6TG	M24C02-RMC6TG
M24C32-XMC5TG	M24LR04E-RMC6T/2	CR95HF-VMD5T
M95040-RMC6TG	M24C32-DRMF3TG/K	M34E04-FMC9TG
M95080-DRMF3TG/K	M93C66-RMC6TG	M24C32-FMH6TG
ST25TA02K-PC6H5	M24512-DRMF3TG/K	M24C64-FMC6TG
M95512-DFMC6TG	M34E02-FMC6TG	M34E04B-FMC9TG
M24C02-DRMF3TG/K	M95128-DRMF3TG/K	M24SR16-YMC6T/2
M24C64-DFMC6TG	ST25TA02K-DC6H5	M24C16-RMC6TG
M24SR64-YMC6T/2	M95080-RMC6TG	ST95HF-VMD5T
M24C08-FMC5TG	M24C04-RMC6TG	RX95HF-VMD5T
M95640-RMC6TG	M24C08-FMC6TG	M24128-BFMH6TG
M95040-DRMF3TG/K	M24LR64E-RMC6T/2	M95512-DRMF3TG/K
M24C02-FMC6TG	M24256-DRMF3TG/K	M24C16-FMC6TG
ST25TA02K-PC6C5	M35B32-WMC6TG	ST25TA02K-DC6C5
M24C16-DRMF3TG/K	M95160-DFMC6TG	M95640-DRMF3TG/K
M95160-RMC6TG	M24LR16E-RMC6T/2	M24128-DFMC6TG
M24128-DRMF3TG/K	M95320-RMC6TG	M24256-BFMC6TG
M24SR04-GMC5T/2	M95256-DFMC6TG	M95320-DRMF3TG/K
M95160-DRMF3TG/K	M24SR04-YMC6T/2	M24C64-FMH6TG
M24C04-DRMF3TG/K	M24256-DFMC6TG	M24C08-DRMF3TG/K
M95020-DRMF3TG/K	M95320-DFMC6TG	M95640-DFMC6TG
M24C32-DFMC6TG	M24LR64-RMB6T/2	M95080-WMB6TG
M95040-RMB6TG	M95020-RMB6TG	



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