



Memory DIMM Kit First Article Generation Specification for External Manufacturers (EMs)

Document Number and Revision: 923-3757 Rev 05

Overview

This specification is intended to provide a framework to any external manufacturer (EM) of DIMM (Dual inline memory module) memory kits to allow them to generate a first article inspection (FAI) for approval by the relevant Oracle supplier engineering function.

NOTE 1: Only approved first articles can go into production.

Audience

This document is for EMs of Oracle memory kits and Oracle Supplier Engineering.

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Introduction

A memory kit is made up of many different components and contains several labels, all of which are controlled by the BOM (Bill of Material). The kitter must follow the process below to generate a FAI report for approval by Oracle.

The kitter must keep records of all FAIs, which must be controlled by an approval date so that only the latest FAI is used for generating production kits. All old, obsolete, or rejected FAIs must be deleted.

1.0 Procedure

List the Supplier Name, the Supplier Source Site, the Oracle Part Number, Oracle ECO/MCO No, and a Part Description on the FAI. For an illustration, refer to *Figure 2-1, FAI Example*, on page 6.

1.1 Box Label Checking

Take a close-up photograph of the outer box label. This must allow the fields to be read by the FAI approver. For an illustration, refer to *Section 2.1.1, Format*, on page 7

Using the sample table provided below, list the printed information field names, the human readable content, the barcoded scan (if applicable), and a check for conformance.

Printed Information	Human Readable	Bar Coded	Check
Marketing Identification (ID)	7114895	None	Conforms
Part number (PN)	PN: 7328376	7328376	Conforms
IN-BOX PN:	7326381	7326381	Conforms
Serial Number (SN)	SN: U00J0006387DCA027	U00J0006387DCA027	Conforms
Quantity (Qty)	QTY:1	Q1	Conforms
Vendor Number (VN)	VN: 465765-00CE	None	Conforms
Date Of Manufacturing (DOM)	DOM: 2016-10-05	None	Conforms

1.2 DIMM Label Checking

Take three photographs of each DIMM in the kit, as follows:

1. A close up photograph of the kitter applied label. This must allow the fields to be read by the FAI approver. For an illustration, refer to *Section 2.2.1, Format*, on page 7.
2. A photograph showing the whole of side 1 of the DIMM (this is the side showing the DIMM vendors label). For an illustration, refer to *Section 2.2.1, Format*, on page 7.
3. A photograph showing the whole of side 2 of the DIMM (this is the side showing the kitter applied label). For an illustration, refer to *Section 2.2.1, Format*, on page 7.

Using the sample table provided below, list the printed information field names, the human readable content, the barcoded scan (if applicable), and a check for conformance.

Printed Information	Human	Readable Bar Coded	Conforms
Oracle Part Number			
Mfg TN			

1.3 BOM Checking

Using the sample table provided below, list the BOM used to assemble the kit. This must include the Oracle PN, description, quantity, and a check for conformance.

Also list any consumable items used, for example tapes that were applied logos and tapes that were not applied any logos.

Oracle PN	Description	Qty	Check

1.3 Kit Assembly Illustrations

Illustrations of each step in the kit assembly process must be included in the First Article Report. Examples are available in *Section 2.4, Material Placement Illustrations*, on page 9.

1.4 Exceptions and Deviations

If the exception or deviation was requested by the kitter, the kitter must describe and specify the exception or deviation, the scope, and duration, and send this request through an email to Oracle Memory Supplier Engineering for approval. Any exception or deviation to kits must have the approval from Oracle Memory Supplier Engineering. Exception or deviation approval must be attached to the FAI submission. The kitter must provide a traceability list of the kits affected by the exception or deviation.

1.5 Handling the Completed and Approved FAI

Email the completed FAI report to Oracle Memory Supplier Engineering for approval. Once approval is given, the kitter's records must be amended to show that the FAI is approved. The approved FAI must be used as a reference for building all future production builds of the particular PN.

2.0 FAI Submission Example

Figure 2-1 FAI Example



First Article Sheet

Supplier Name: **MitacIS**

Supplier Source Site: **MitacIS Newark**

Oracle Part Number: **7328376**

Part Description: **FRU, LRDIMM, 64GB, 4Rx4, 2400, DDR4-NS2**

Oracle ECO/MCO No.: **M0014101**

First Article Inspection Result: Approved / Conditional Approval / Rejected

Completed By: Bob Casey

Date: October 5, 2016

Approved By: Dave Hunter

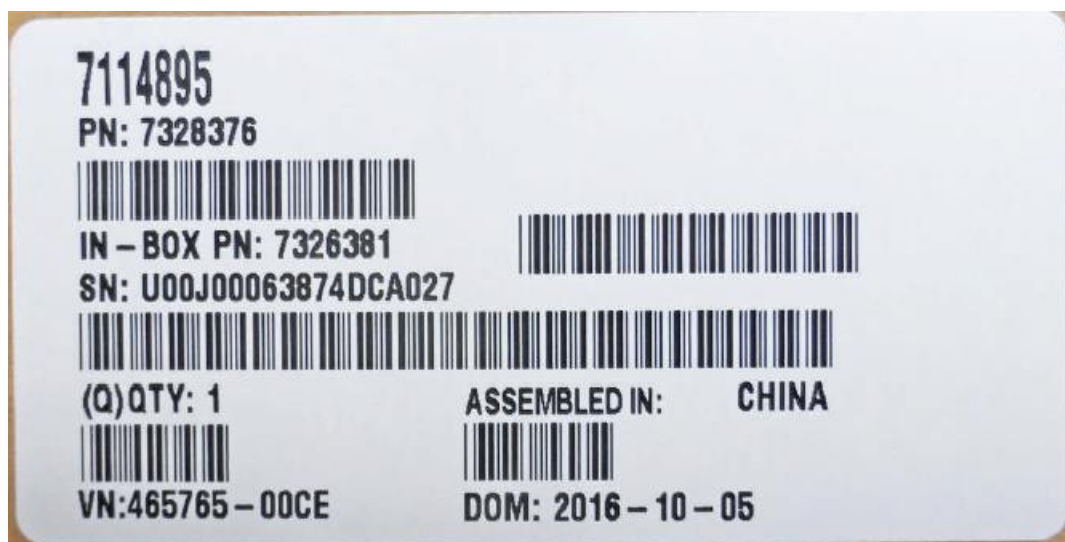
Date: October 6, 2016

Items	Description	Check
Specifications	Oracle Part Identification Label Spec: 950-1419-03, Rev. TC	Conforms
	Palletization Requirement: 425-1019-01, Rev. G	Specification is noted and will be followed
BOM	See BOM Section	Conforms
Outer Box Label	See Outer Box Label Section	Conforms
ID	Supplier Code: 465765	Conforms
Others	1) BOM 2) Outer Box Label Sample with Scan Data.	See Attachments

2.1 Outer Box Label

2.1.1 Format

Figure 2-2 Active 2D Supplier Applied Serial Number Label



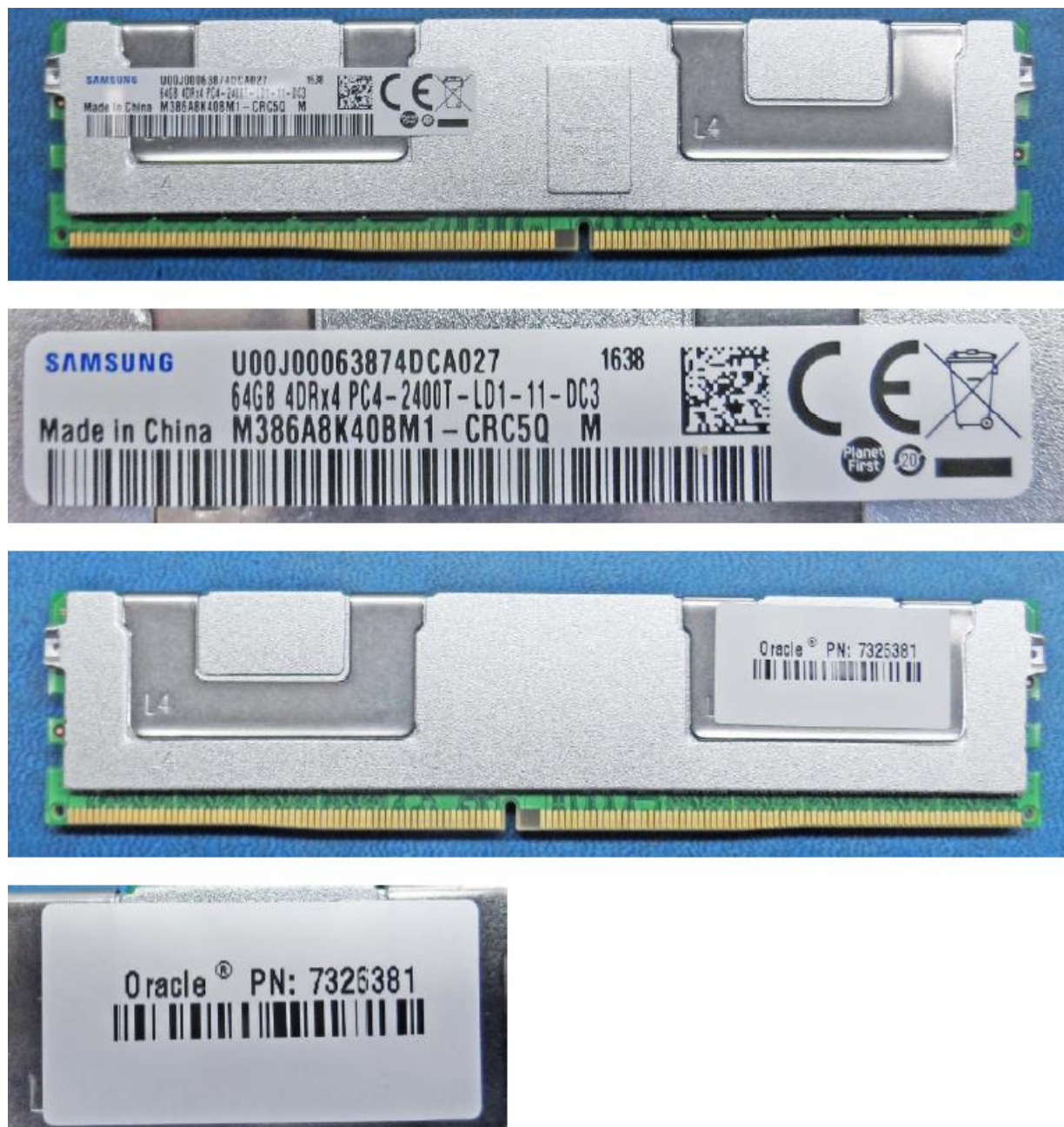
2.1.2 Content

Printed Information	Human Readable	Bar Coded	Check
Marketing Identification (ID)	7114895	None	Conforms
Part number (PN)	PN: 7328376	7328376	Conforms
IN-BOX PN:	7326381	7326381	Conforms
Serial Number (SN)	SN: U00J0006387DCA027	U00J0006387DCA027	Conforms
Quantity (Qty)	QTY:1	Q1	Conforms
Vendor Number (VN)	VN: 465765-00CE	None	Conforms
Date Of Manufacturing (DOM)	DOM: 2016-10-05	None	Conforms

2.2 DIMM Label

2.2.1 Format

Figure 2-3 Active 2D Barcode Labels



2.2.2 Active Content Example

Printed Information	Human	Readable Bar Coded	Conforms
Oracle Part Number	7326381	7326381	Conforms
Mfg TN			

2.3 Sample BOM

<i>Sun PN</i>	<i>Description</i>	<i>Qty</i>	<i>Check</i>
7326381	LRDIMM, 64GB, 4Rx4, 2400, DDR4-NS2	1	PASSED
267-0856-01	LBL, FRU ASSY, BARCODE & P/N	1	PASSED
267-4870-01	LBL, ESD CAUTION LABEL	1	PASSED
267-4874-01	LBL, CARTON, WHITE PAPER 4" x 2"	1	PASSED
403-1350-01	BAG, 6X8 INCH, STATIC SHIELDING	1	PASSED
420-2601-01	PKG ASSY, 1-4 DIMMS	1	PASSED
401-4041-03	OPF, 08.25, 06.25, 01.25, SW, OGLO	1	PASSED
250-1007-01	WRIST STRAP. DISP, 1.5M, 1M OHM	1	PASSED
	Clear Tape	A/R	PASSED

2.4 Material Placement Illustrations

Figure 2-4 Formed but Not Closed Kit Box



Figure 2-5 Manual Title

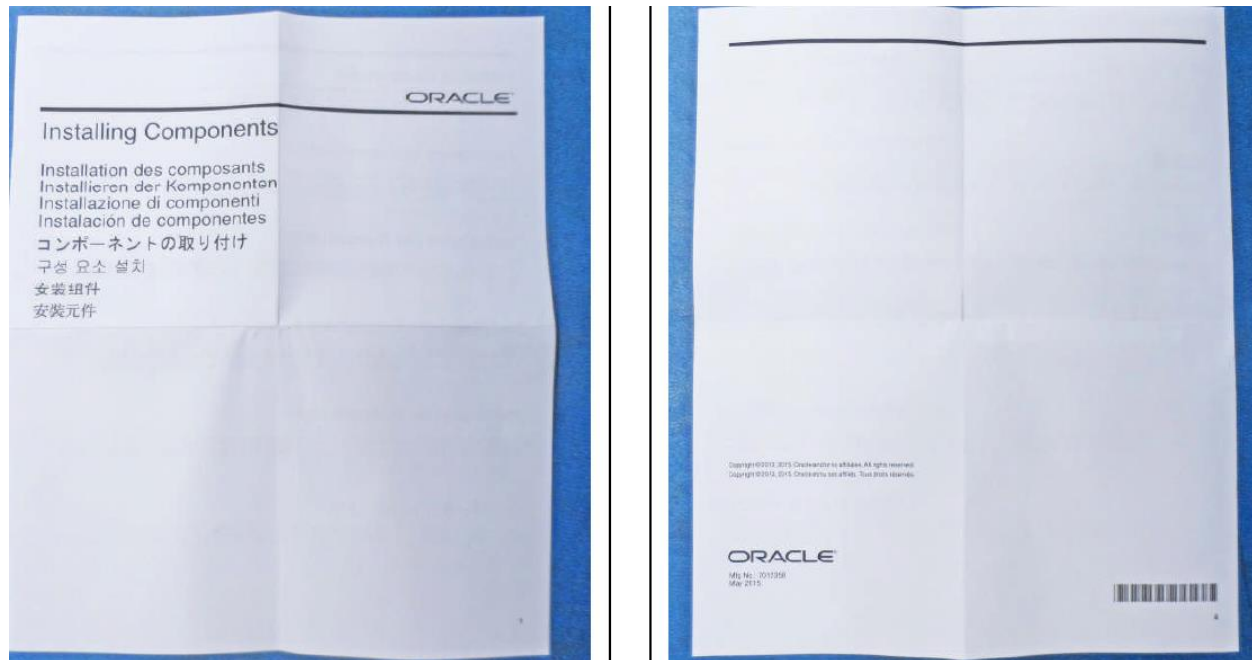


Figure 2-6 Open Kit Box Containing all Items that are Required



Figure 2-7 Closed and Sealed Kit Box (Front Side, Showing Box Label Placement)



Figure 2-8 Closed and Sealed Kit Box (Back Side, Showing Taping Quality)



Related Information

Reference Documents and Records

REFERENCE DOCUMENTS AND RECORDS

Document History

Rev	Date	Description of Change	Originator
01	28 Sept 2010	Initial Release	N/A
02	05 Oct 2011	Updated document to reflect the current process	N/A
03	14 Oct 2015	Added new DIMM label to Section 2.1 (Active 2D Supplier Applied Serial Number Label). Added images to Section 2.2.1 for Active Label – Oracle PN Only. Added new Section 2.2.3, Active Content Example. Updated group name in title.	N/A
04	26 Oct 2016	Total rewrite of the document to capture images of current FAIs and remove all reference to Legacy products.	N/A
05	07 Jul 2022	Update title, move to Oracle Redwood format. No content changes.	N/A

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