



PRODUCT/PROCESS CHANGE NOTIFICATION

PCN APG-ABD/14/8764
Dated 13 Nov 2014

**VIpower M05 in PSSO-12 (Deep Down Set): Activation of
Shenzhen as additional Assembly / Testing Location**

Table 1. Change Implementation Schedule

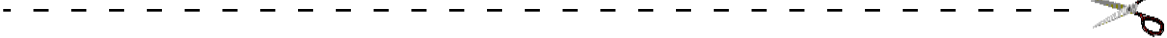
Forecasted implementation date for change	27-Apr-2015
Forecasted availability date of samples for customer	31-Jan-2015
Forecasted date for STMicroelectronics change Qualification Plan results availability	20-Feb-2015
Estimated date of changed product first shipment	30-Apr-2015

Table 2. Change Identification

Product Identification (Product Family/Commercial Product)	see list
Type of change	Package assembly material change, Assembly additional location, Testing additional location
Reason for change	Service
Description of the change	Please be informed that we are going to activate ST Shenzhen (China) as additional assembly and testing location, beside ST Bouskoura (Morocco), for VIPower M05 devices housed in PowerSSO-12 package Deep Down Set version. We will introduce "strip test" in Final Test as well. Strip test consists in testing the device directly on the Lead Frame form (strip) before singulating it (2nd crop). Same test coverage and quality will be applied. Bill of material will change as per enclosed change matrix:
Change Product Identification	Dedicated Finished-Good codes
Manufacturing Location(s)	1]St Bouskoura 2 - Morocco

Table 3. List of Attachments

Customer Part numbers list	
Qualification Plan results	



Customer Acknowledgement of Receipt		PCN APG-ABD/14/8764
Please sign and return to STMicroelectronics Sales Office		Dated 13 Nov 2014
<input type="checkbox"/> Qualification Plan Denied <input type="checkbox"/> Qualification Plan Approved <input type="checkbox"/> Change Denied <input type="checkbox"/> Change Approved	Name:	
	Title:	
	Company:	
	Date:	
	Signature:	
Remark		

DOCUMENT APPROVAL

Name	Function
Liporace, Nicola	Marketing Manager
Nicoloso, Riccardo	Product Manager
Minerva, Francesco	Q.A. Manager

VIpower M05 in PSSO-12 (Deep Down Set): Activation of Shenzhen as additional Assembly and Testing Location

WHAT:

Please be informed that we are going to activate ST Shenzhen (China) as additional assembly and testing location, beside ST Bouskoura (Morocco), for VIpower M05 devices housed in PowerSSO-12 package Deep Down Set version. We will introduce "strip test" in Final Test as well.

Strip test consists in testing the device directly on the Lead Frame form (strip) before singulating it (2nd crop). Same test coverage and quality will be applied.

Bill of material will change as per below change matrix:

	Bouskoura	Shenzhen
Mold Compound	SUMITOMO EME7026	SUMITOMO EME G700LS
Wires	Cu 2,5 mils/Au 1.3 mils	Cu 2,5 mils/Cu 1.2 mils
Die Attach	Preform Pb/Ag/Sn	Preform Pb/Ag/Sn
Lead frame	Matrix 3x8	High Density (256 units)

WHY:

Service

HOW:

Qualification report according to AEC-Q100 will be available on February 2015 (wk08/2015)

WHEN:

From April 2015, but we are ready ship parts prior this date upon Customer agreement. Sample will be available on demand from end of February 2015.

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Public Products List

PCN Title : VIPower M05 in PSSO-12 (Deep Down Set): Activation of Shenzhen as additional Assembly / Testing Location

PCN Reference : APG-ABD/14/8764

PCN Created on : 30-NOV-2014

Subject : Public Products List

Dear Customer,

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

ST COMMERCIAL PRODUCT

VN5050AJ-E	VN5050AJTR-E	VN5050J-E
VN5050JTR-E	VN5E050AJ-E	VN5E050AJTR-E
VN5E050J-E	VN5E050JTR-E	VN5E050MJ-E
VN5E050MJTR-E	VND5160AJ-E	VND5160AJTR-E
VND5E160AJ-E	VND5E160AJTR-E	VND5E160J-E
VND5E160JTR-E	VND5E160MJ-E	VND5E160MJTR-E

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