



PRODUCT/PROCESS CHANGE NOTIFICATION

PCN APM-SLI/07/2791
Notification Date 08/03/2007

**New Assembly & Testing location for VFDFPN3x3-6L (SAWN
version) in Carsem Suzhou (CHINA)**

SLI - LINEAR & INTERFACE

Table 1. Change Identification

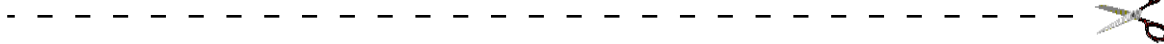
Product Identification (Product Family/Commercial Product)	see attached list
Type of change	Package assembly location change
Reason for change	To improve service and to increase our capacity
Description of the change	Following Divisional commitments towards a continuous improvement of our service and in order to increase our capacity, has been decided to set up a new Assembly & Testing location for all the P/Ns in VFDFPN3x3-6L SAWN version in CARSEM SUZHOU plant (CHINA). No change in Electrical & mechanical characteristics.
Product Line(s) and/or Part Number(s)	See attached
Description of the Qualification Plan	See attached
Change Product Identification	Assy code in the traceability will be changed from "9Y" to "GM"
Manufacturing Location(s)	

Table 2. Change Implementation Schedule

Forecasted implementation date for change	25-Oct-2007
Forecasted availability date of samples for customer	27-Jul-2007
Forecasted date for STMicroelectronics change Qualification Plan results availability	27-Jul-2007
Estimated date of changed product first shipment	02-Nov-2007

Table 3. List of Attachments

Customer Part numbers list	
Qualification Plan results	



Customer Acknowledgement of Receipt		PCN APM-SLI/07/2791
Please sign and return to STMicroelectronics Sales Office		Notification Date 08/03/2007
<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
San biagio, Marcello	Division Marketing Manager
Naso, Lorenzo	Division Product Manager
Lisi, Giuseppe	Division Q.A. Manager



IMS (Industrial & Multisegment Sector)
APM (Analog, Power, MEMS) Group
Voltage Regulator, Interface, Advanced logic & Power RF
Quality & Reliability

REL-6043-253B.07W

RELIABILITY EVALUATION

ON

VFDFPN3x3 in Carsem Suzhou
new subcontractor qualification

ST1S09 UM68

PRELIMINARY REPORT



IMS (Industrial & Multisegment Sector)
APM (Analog, Power, MEMS) Group
Voltage Regulator, Interface, Advanced logic & Power RF
Quality & Reliability

REL-6043-253B.07W

NEW SUBCONTRACTOR *** RELIABILITY EVALUATION EVALUATION N° REL-6043-253B.07W	Date: 17/07/2007
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OBJECT : VFDFPN3x3 in Carsem Suzhou - new subcontractor qualification - ST1S09 UM68

TECHNOLOGIC CHARACTERISTICS	ASSY PLANT TECHNOLOGY LINE DIE SIZE PACKAGE MASK SET Diffusion Lot TECH. CODE DIFF. PLANT RESIN	CARSEM SUZHOU BCD6 UM68 1.448 X 1.558 VFDFPN3x3-6L CUM67B P707J91 MQYG*UM68JP1 PHOENIX SUMITOMO G770
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AIM: Carsem Suzhou new subcontractor reliability evaluation	TEST PLAN: HTB @ Ta = 125°C Vbias = 7V, 2.5V THB(*) @ Ta = 85°C Rh =85% Vbias = 7V, 2.5V HTS @ Ta= 150°C TCT(*) @ Tmax= +150°C Tmin= -65°C PPT(*) @ Ta = 121°C Pa = 2Atm SMD DRYNG 1H @ 125°C STORE 168H @ TA=85°C RH=85% IR REFLOW 3 CYCLES @ 260°C+0 -0 °C (*)DUTs preconditioned JL1 according to JEDEC020C
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RESULTS	<i>End of step</i>	<i>100cy</i>	<i>168h</i>	<i>500h/cy</i>	<i>1000h</i>
HTB			0/77		WK 30
THB			0/77		WK 30
HTS			0/77		WK 30
TCT		0/77			WK 32
PPT			0/77		
SMD	0/231				

Comments:

VFDFPN CARSEM SUZHOU package has been already qualified in ST.

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