



# PRODUCT/PROCESS CHANGE NOTIFICATION

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PCN APM-SLI/07/2847  
Notification Date 08/31/2007

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**New location for SOT-223 package in Fujitsu (CHINA)**

**SLI - LINEAR & INTERFACE**

**Table 1. Change Identification**

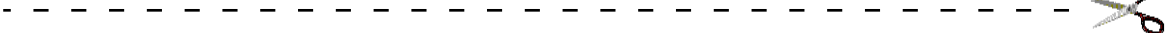
Product Identification (Product Family/Commercial Product)	see attached list
Type of change	Package assembly location change
Reason for change	To improve service and increase our capacity
Description of the change	Following Divisional commitments towards a continuous improvement of our service and in order to increase our capacity, has been decided to set up a new Assembly & Testing location for all the P/Ns in SOT-223 package in FUJITSU 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	See "GF" (Assy plant code) on Traceability code in the label
Manufacturing Location(s)	

**Table 2. Change Implementation Schedule**

Forecasted implementation date for change	22-Nov-2007
Forecasted availability date of samples for customer	24-Aug-2007
Forecasted date for <b>STMicroelectronics</b> change Qualification Plan results availability	24-Aug-2007
Estimated date of changed product first shipment	30-Nov-2007

**Table 3. List of Attachments**

Customer Part numbers list	
Qualification Plan results	



Customer Acknowledgement of Receipt		PCN APM-SLI/07/2847
Please sign and return to STMicroelectronics Sales Office		Notification Date 08/31/2007
<input type="checkbox"/> Qualification Plan Denied	Name:	
<input type="checkbox"/> Qualification Plan Approved	Title:	
	Company:	
<input type="checkbox"/> Change Denied	Date:	
<input type="checkbox"/> Change Approved	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-6043-282W 07**

**Reliability Evaluation Plan and Results**

**SOT223 Fujitsu**

**Test vehicle: LD1117**

**Technology: LABT180SH**

**Line KSAD**

**Package SOT223**

<b>Test</b>	<b>Conditions</b>	<b>S.S.</b>	<b>Requirement</b>
PRECONDITIONING OF SMD DEVICES BEFORE TC/THB/PP	DRYNG 24H @ 125°C STORE 168.H @ TA=85°C RH=85% IR 3 times @ 260°C	179 x 3 Lot	Parameter deviation within spec. limits after go no go test
H.T.S.	TA=150°C	77 x 3 Lot	Parameter deviation within spec. limits at 1000h
PRESSURE POT	<i>D.U.T. PRECONDITIONED</i> TA=121°C – PA=2ATM	77 x 3 Lot	Parameter deviation within spec. limits at 168h
THERMAL CYCLES AIR TO AIR	<i>D.U.T. PRECONDITIONED</i> TA=-65°C TO 150°C 1 HOUR/CYCLE	77 x 3 Lot	Parameter deviation within spec. limits at 500cycles
SMD MOISTURE INDUCED STRESS	DRYNG 24H @ 125°C STORE 168.H @ TA=85°C RH=85% IR 3 times @ 260°C	25 x 3 Lot	Parameter deviation within spec. limits at end of test

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