



# PRODUCT INFORMATION LETTER

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Dated 07 Aug 2012

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**Additional Test&Finishing plant in ST Shenzhen, China  
for the product family L638xED housed in SO 8 package  
(U324, U364, U366 and U371 lines)**

Sales Type/product family label	see attached list
Type of change	Testing additional location
Reason for change	To better utilize ST's assets.
Description	We are going to use ST Shenzhen in China as additional test and finishing plant for the product family L638xED housed in SO 8 package.
Forecasted date of implementation	06-Aug-2012
Forecasted date of samples for customer	15-Sep-2012
Forecasted date for <b>STMicroelectronics</b> change Qualification Plan results availability	15-Sep-2012
Involved ST facilities	ST Muar (Malaysia); ST Shenzhen (China)

## DOCUMENT APPROVAL

Name	Function
Arrigo, Domenico Massimo	Marketing Manager
Barbieri, Danilo	Process Owner
Motta, Antonino	Q.A. Manager



**WHAT:**

For the product family L638xED in SO 8 package, assembled in ST Muar and currently tested in ST Muar (Malaysia), we are going to use ST Shenzhen (China) as additional test and finishing plant. The new testing site is not expected to result in any impact on form, fit, function, quality or reliability of the product.

**WHY:**

To better utilize ST's assets.

**HOW:**

Test platform, test program and flow are unchanged. The same test board will be used in Shenzhen. Qualification criteria are based on the yield comparison between Muar and Shenzhen during ramp-up in the additional plant.

**WHEN:**

New test and finishing plant from August, 2012.

The testing in Shenzhen will be identified by a new internal part number, as shown below:

Product Line	Commercial Product	Test&Finishing plant	Finished Goods	Packing Type
U324	L6387ED L6387ED013TR	ST Muar (current)	L6387ED-1LF/ L6387ED13TR-1LF/	Tube Tape&Reel
		ST Shenzhen (new)	<b>L6387ED-3LF/ L6387ED13TR-3LF/</b>	
U364	L6384ED L6384ED013TR	ST Muar (current)	L6384ED-1LF/ L6384ED13TR-1LF/	Tube Tape&Reel
		ST Shenzhen (new)	<b>L6384ED-5LF/ L6384ED13TR-5LF/</b>	
U366	L6385ED L6385ED013TR	ST Muar (current)	L6385ED-1LF/ L6385ED13TR-1LF/	Tube Tape&Reel
		ST Shenzhen (new)	<b>L6385ED-3LF/ L6385ED13TR-3LF/</b>	
U371	L6388ED L6388ED013TR	ST Muar (current)	L6388ED-1LF/ L6388ED13TR-1LF/	Tube Tape&Reel
		ST Shenzhen (new)	<b>L6388ED-3LF/ L6388ED13TR-3LF/</b>	

Samples of the new Finished Goods will be available in 6 weeks A.R.O.

The first shipment of parts tested in Shenzhen is not expected earlier than September, 2012.



## *Industrial & Power Conversion Division*

### **Qualification Plan for Testing&Finishing transfer to ST Shenzhen (China) (products assembled in Muar with package SO8)**

May,8<sup>th</sup> 2012

	Product Line	Reference target yield (Muar)	Target Yield in Shenzhen	Qualification Lots Yield in Shenzhen
	U324	Actual	Actual +-1%	
	U371	Actual	Actual +-1%	
	U364	Actual	Actual +-1%	
	U366	Actual	Actual +-1%	

**Table will be updated once first qualification lots will be tested in Shenzhen**

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