



# PRODUCT INFORMATION LETTER

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PIL IPD-IPC/12/7581  
Dated 04 Dec 2012

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**VIPER27 product family : metal mask modification for  
yield improvement**

Sales Type/product family label	see attached list
Type of change	Product design change
Reason for change	Yield improvement
Description	In order to improve the yield of the VIPER27 product family, we have performed a metal mask modification on the controller UQ77.
Forecasted date of implementation	15-Jan-2013
Forecasted date of samples for customer	27-Nov-2012
Forecasted date for <b>STMicroelectronics</b> change Qualification Plan results availability	31-Dec-2012
Involved ST facilities	Catania M5 (Italy)

## DOCUMENT APPROVAL

Name	Function
Sandrini, Francesca Marta	Marketing Manager
Salanitri, Fabio Rosario	Process Owner
Motta, Antonino	Q.A. Manager



**WHAT:**

We have introduced a minor modification on the controller UQ77, belonging to the MV63 line of the VIPER27 product family listed below.

This modification will not affect any conditions related to form, fit, function, quality and reliability of these products.

Product Line	Commercial product	Package	Packing type
MV63	VIPER27HD	SO 16 Narrow	Tube
	VIPER27HDTR		Tape&Reel
	VIPER27HN	PDIP 7 - MDIP .25	Tube
	VIPER27LD	SO 16 Narrow	Tube
	VIPER27LDTR		Tape&Reel
VIPER27LN	PDIP 7 - MDIP .25	Tube	

**WHY:**

The change was made in order to improve the testing yield.

The EWS data collected in AMK plant as well as the data of the Final Test in the Back-End plants have confirmed the yield improvement.

**HOW:**

Through a metal mask change. The changed product will be identified by a new internal part number that will be shown on our standard labels.

**WHEN:**

The production of the new products is planned to start in Q1/2013, depending on the material availability and customers' volumes. Phase-out and phase-in will be done accordingly.

Samples of the product housed in both packages are available and can be delivered upon request.

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