



# PRODUCT INFORMATION LETTER

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PIL APM-IPC/10/5599  
Notification Date 06/03/2010

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**VIPER17 PRODUCT FAMILY : METAL MASK MODIFICATION FOR YIELD IMPROVEMENT**

Production process involved	MV34 line
Production process details	Generic
Reason for change	Yield improvement
Description	In order to improve the yield of the VIPER17 product family, we have performed a metal mask modification on the controller UL39.
Forecasted date of implementation	05-Aug-2010
Forecasted date of samples for customer	27-May-2010
Forecasted date for <b>STMicroelectronics</b> change Qualification Plan results availability	27-May-2010
Description of qualification program	See Attached Qualification Plan
Involved ST facilities	Catania M5 (Italy)

## DOCUMENT APPROVAL

Name	Function
Gattavari, Giuseppe	Division Marketing Manager
Motta, Antonino	Division Q.A. Manager
Salanitri, Fabio Rosario	Process Owner



**WHAT:**

We have introduced a minor modification on the controller UL39, belonging to the MV34 line of the VIPER17 product family listed below.  
This modification (done through a metal mask change) will not affect any conditions related to form, fit, function, quality and reliability of these products.

**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 plant have confirmed the yield improvement.

**HOW:**

The new product will be identified by our internal part numbers.

Commercial product	New internal part number
VIPER17HN	VIPER17HN-4LF/
VIPER17LN	VIPER17LN-4HF/
VIPER17HD	VIPER17HD-4LF/
VIPER17HDTR	VIPER17HDTR-4LF/
VIPER17LD	VIPER17LD-4LF/
VIPER17LDTR	VIPER17LDTR-4LF/

**WHEN:**

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

Samples of the product housed in PDIP 7 are available upon request, while samples in SO16 can be delivered in 4 weeks ARO.

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