



PRODUCT INFORMATION LETTER

PIL IPG-IPC/14/8354
Dated 21 Feb 2014

HVLED815PF : electrical parameter spec. optimization

Sales Type/product family label	HVLED815PF and HVLED815PFTR
Type of change	Product electrical spec. change
Reason for change	Yield improvement and IC performance enhancement
Description	We have optimized the distribution of the current reference voltage at ambient temperature within tighter limits.
Forecasted date of implementation	15-Mar-2014
Forecasted date of samples for customer	22-Mar-2014
Forecasted date for STMicroelectronics change Qualification Plan results availability	31-Mar-2014
Involved ST facilities	Outsourcing at UTAC, Thailand

DOCUMENT APPROVAL

Name	Function
Vavassori, Emanuele	Marketing Manager
Vavassori, Emanuele	Product Manager
Moretti, Paolo	Q.A. Manager



WHAT

We have optimized the distribution of the current reference voltage at ambient temperature within tighter limits, as reported in the datasheet

from the current values :

V_{CLED}	Current reference voltage		0.192	0.2	0.208	V
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to the new values :

V_{CLED}	Current reference voltage	⁽⁶⁾ $V_{ILED} = 0.41\text{ V}$, $V_{DMG} = 0\text{ V}$; $T_J = 25\text{ °C}$	207.76	212	216.24	mV
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6. Production tested only.

WHY:

In order to improve the yield and to enhance the IC performance.

HOW:

Through a new test methodology.

WHEN:

The change will be implemented by middle of March.



Public Products List

PIL Title : HVLED815PF : electrical parameter spec. optimization

PIL Reference : IPG-IPC/14/8354

PIL Created on : 14-FEB-2014

Subject : Public Products List

Dear Customer,

Please find below the Standard Public Products List impacted by the change:

ST COMMERCIAL PRODUCT

HVLED815PF

HVLED815PFTR

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