



PRODUCT INFORMATION LETTER

PIL IPG-IPC/14/8355
Dated 25 Feb 2014

STBB2JADR, STBB2J29, STBB2J30 : datasheet update

Sales Type/product family label	STBB2JADR, STBB2J29, STBB2J30
Type of change	Product electrical spec. change
Reason for change	Yield improvement
Description	VUVLOmax (Undervoltage lockout threshold, Vin rising) @ VIN rising; VMODE = VIN; IOU = 100 mA from 2.2V to 2.35V VINmin (Operating power input voltage range) from 2.3 to 2.4V
Forecasted date of implementation	18-Feb-2014
Forecasted date of samples for customer	18-Feb-2014
Forecasted date for STMicroelectronics change Qualification Plan results availability	18-Feb-2014
Involved ST facilities	ST Shenzhen (China)

DOCUMENT APPROVAL

Name	Function
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WHAT:

We have changed the following electrical parameters :

VUVLOmax (Undervoltage lockout threshold, Vin rising) @ VIN rising; VMODE = VIN; IOU = 100 mA from 2.2V to 2.35V

VINmin (Operating power input voltage) from 2.3 to 2.4V

WHY:

In order to improve the yield.

HOW:

Through spec. change, as reported in the datasheet.

from former values :

V _{IN}	Operating power input voltage range		2.3		5.5	V
V _{UVLO}	Undervoltage lockout threshold	V _{IN} rising; V _{MODE} = V _{IN} ; I _{OUT} = 100 mA		1.6	2.2	V

to new values:

V _{IN}	Operating power input voltage range		2.4		5.5	V
V _{UVLO}	Undervoltage lockout threshold	V _{IN} rising; V _{MODE} = V _{IN} ; I _{OUT} = 100 mA		2.1	2.35	V

WHEN:

STBB2JADR : effective immediately

STBB2J29, STBB2J30 : end of February, 2014

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