



PRODUCT INFORMATION LETTER

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

STBB2JADR, STBB2J29, STBB2J30 : datasheet update

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| 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; IOUT = 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 |
|-----------------------|-------------------|
| Romano, Eugenio | Marketing Manager |
| Pioppo, Sergio Franco | Product Manager |
| Moretti, Paolo | Q.A. Manager |



ATTACHMENT TO PIL IPG-IPC/14/8355

WHAT:

We have changed the following electrical parameters :

VUVLOmax (Undervoltage lockout threshold, Vin rising) @ VIN rising; V_{MODE} = VIN; I_{OUT} = 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



Public Products List

PIL Title : STBB2JADR, STBB2J29, STBB2J30 : datasheet update

PIL Reference : IPG-IPC/14/8355

PIL Created on : 19-FEB-2014

Subject : Public Products List

Dear Customer,

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

ST COMMERCIAL PRODUCT

STBB2J29-R

STBB2J30-R

STBB2JAD-R

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