

# Product / Process Change Notification

18.06.2014

**OS-PCN-2014-019-A**

**Dear Customer,**

please find attached our OSRAM OS PCN:

## “Improvement and Harmonization of DURIS P 5 Family”

Important information for your attention:

- Please respond to this PCN by indicating your decision on the approval form, sign it and return to your sales partner before **24.07.2014**.
- OSRAM OS aligns with the widely-recognized JEDEC STANDARD “JESD46-B“, which stipulates: “Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change”.

Your prompt reply will help OSRAM OS to assure a smooth and well executed transition. If OSRAM OS does not hear from your side by the due date, we will assume your full acceptance to this proposed change and its implementation.

Your attention and response to this matter is greatly appreciated.

**Please direct your inquiry to your local Sales office.**

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|                                |  |  |
|--------------------------------|--|--|
| <b>SUBJECT OF CHANGE:</b>      | Improvement and Harmonization of DURIS P 5 Family  |  |
| <b>PRODUCTS AFFECTED:</b>      | GW DASPA1.EC<br>GW DASPA1.UC<br>GD DASPA1.14<br>GB DASPA1.13<br>GT DASPA1.13<br>GY DASPA1.23<br>GR DASPA1.23   |  |
| <b>REASON OF CHANGE:</b>       | A) Improve mechanical stability by introducing 6" Si subcarrier technology<br>B) Harmonization of wire bond technology<br>C) Introduction of 2 <sup>nd</sup> source ESD chip suppliers |  |
| <b>DESCRIPTION OF CHANGE:</b>  | Please refer to document <a href="#">2_cip_OS-PCN-2014-019-A</a>   |  |
| <b>PRODUCT IDENTIFICATION:</b> | <ul style="list-style-type: none"><li>• Laser marking</li><li>• Date Code</li></ul>  |  |
| <b>TIME SCHEDULE:</b>          | <b>Reliability report</b>  | available  |
|                                | <b>Samples available</b>   | cw 27 / 2014   |
|                                | <b>Start of delivery <sup>*)</sup></b>   | cw 31 / 2014 <sup>1)</sup><br>or earlier if released by customer |
|                                | <p><sup>*)</sup> For details please contact your local sales.<br/><sup>1)</sup> All changes are mixable with current status.</p>   |  |
| <b>ASSESSMENT:</b>             | No changes in the data sheet. Electro-optical parameters remain unchanged.   |  |
| <b>DOCUMENTATION:</b>          | <b>Reliability report:</b><br><a href="#">3_cip_OS-PCN-2014-019-A</a>  |  |

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## Customer Approval Form

### Improvement and Harmonization of DURIS P 5 Family

Please list product(s) affected in your application(s):  
.....

Please check the appropriate box below:

- We agree with the proposed change and accept start of shipment upon availability of new version.**
- We have objections:**  
.....
- We need more information:**  
.....
- We need the following samples:**  
.....

**Sender:** Company: ..... Name: .....

Address/Location: .....

Signature ..... Date .....

**Please return to your Sales partner:** Name: .....

Address/Location: .....

TELEPHONE ..... FAX ..... E-MAIL .....

## *Products Affected by Product Change Notification*

**Number:** OS-PCN-2014-019-A

**Name:** Improvement and Harmonization of DURIS P 5 Family

**Release Date:** 6/18/2014

**Response Due Date:** 7/24/2014

**Implementation Date:** 8/1/2014

| <i>Product</i> | <i>QNumber</i>                     | <i>QNumber Description</i>          | <i>Part Number</i>              |
|----------------|------------------------------------|-------------------------------------|---------------------------------|
| GB DASPA1.13   | Q65111A4480                        | GB DASPA1.13-EPER-25-1-100-R18      | GB DASPA1.13-EPER-25-1          |
|                | Q65111A4485                        | GB DASPA1.13-DUEQ-25-1-100-R18      | GB DASPA1.13-DUEQ-25-1          |
|                | Q65111A5327                        | GB DASPA1.13-DUEQ-25-KM-100-R18-LM  | GB DASPA1.13-DUEQ-25-KM-LM      |
| GD DASPA1.14   | Q65111A4391                        | GD DASPA1.14-RKRM-W5-1-100-R18      | GD DASPA1.14-RKRM-W5-1          |
|                | Q65111A4392                        | GD DASPA1.14-RLRN-W5-1-100-R18      | GD DASPA1.14-RLRN-W5-1          |
| GR DASPA1.23   | Q65111A4399                        | GR DASPA1.23-FRFT-26-1-100-R18      | GR DASPA1.23-FRFT-26-1          |
|                | Q65111A4400                        | GR DASPA1.23-FQFS-26-1-100-R18      | GR DASPA1.23-FQFS-26-1          |
|                | Q65111A4407                        | GR DASPA1.23-FUGQ-23-1-100-R18      | GR DASPA1.23-FUGQ-23-1          |
|                | Q65111A4755                        | GR DASPA1.23-FQFS-46-1-100-R18      | GR DASPA1.23-FQFS-46-1          |
| GT DASPA1.13   | Q65111A4405                        | GT DASPA1.13-GSGU-26-1-100-R18      | GT DASPA1.13-GSGU-26-1          |
|                | Q65111A4406                        | GT DASPA1.13-GRGT-26-1-100-R18      | GT DASPA1.13-GRGT-26-1          |
|                | Q65111A5326                        | GT DASPA1.13-GSGU-26-KM-100-R18-LM  | GT DASPA1.13-GSGU-26-KM-LM      |
| GW DASPA1.EC   | Q65111A1834                        | GW DASPA1.EC-GTHP-5R8T-1-100-R18    | GW DASPA1.EC-GTHP-5R8T-1        |
|                | Q65111A1835                        | GW DASPA1.EC-GUHQ-5H7I-1-100-R18    | GW DASPA1.EC-GUHQ-5H7I-1        |
|                | Q65111A1899                        | GW DASPA1.EC-GTHP-5L7N-1-100-R18    | GW DASPA1.EC-GTHP-5L7N-1        |
|                | Q65111A2324                        | GW DASPA1.EC-GUHQ-5L7N-1-100-R18    | GW DASPA1.EC-GUHQ-5L7N-1        |
|                | Q65111A2349                        | GW DASPA1.EC-GUHQ-5R8T-1-100-R18    | GW DASPA1.EC-GUHQ-5R8T-1        |
|                | Q65111A2350                        | GW DASPA1.EC-HPHR-5R8T-1-100-R18    | GW DASPA1.EC-HPHR-5R8T-1        |
|                | Q65111A2351                        | GW DASPA1.EC-HPHR-5L7N-1-100-R18    | GW DASPA1.EC-HPHR-5L7N-1        |
|                | Q65111A2352                        | GW DASPA1.EC-HPHR-5H7I-1-100-R18    | GW DASPA1.EC-HPHR-5H7I-1        |
|                | Q65111A2353                        | GW DASPA1.EC-HQHS-5H7I-1-100-R18    | GW DASPA1.EC-HQHS-5H7I-1        |
|                | Q65111A2962                        | GW DASPA1.EC-HQHS-5L7N-1-100-R18    | GW DASPA1.EC-HQHS-5L7N-1        |
|                | Q65111A3094                        | GW DASPA1.EC-HPHR-5H7I-1-100-R18-XX | GW DASPA1.EC-HPHR-5H7I-1-XX     |
|                | Q65111A3095                        | GW DASPA1.EC-GUHQ-5R8T-1-100-R18-X  | GW DASPA1.EC-GUHQ-5R8T-1-XX     |
|                | Q65111A3372                        | GW DASPA1.EC-GUHR-5H7I-LP-R18-SB-X  | GW DASPA1.EC-GUHR-5H7I-LP-SB-XX |
|                | Q65111A3410                        | GW DASPA1.EC-GTHQ-5R8T-1-R18-SA-XX  | GW DASPA1.EC-GTHQ-5R8T-1-SA-XX  |
|                | Q65111A3516                        | GW DASPA1.EC-HQJQ-5L7N-LN-100-R18-  | GW DASPA1.EC-HQJQ-5L7N-LN       |
|                | Q65111A3626                        | GW DASPA1.EC-HQJQ-5L7N-LM-100-R18-  | GW DASPA1.EC-HQJQ-5L7N-LM-DA    |
|                | Q65111A3733                        | GW DASPA1.EC-HPHR-5O8Q-1-100-R18    | GW DASPA1.EC-HPHR-5O8Q-1        |
|                | Q65111A3734                        | GW DASPA1.EC-GUHQ-5U8X-1-100-R18    | GW DASPA1.EC-GUHQ-5U8X-1        |
|                | Q65111A3842                        | GW DASPA1.EC-GUHQ-5S7U-1-100-R18    | GW DASPA1.EC-GUHQ-5S7U-1        |
|                | Q65111A3960                        | GW DASPA1.EC-HQJQ-5L7N-EG-100-R18-  | GW DASPA1.EC-HQJQ-5L7N-EG-DA    |
| Q65111A3990    | GW DASPA1.EC-GUHR-5L8N-EG-100-R18- | GW DASPA1.EC-GUHR-5L8N-EG-S-DA      |                                 |
| Q65111A4698    | GW DASPA1.EC-HPHR-6M6N-1-100-R18-X | GW DASPA1.EC-HPHR-6M6N-1-XX         |                                 |
| Q65111A4996    | GW DASPA1.EC-GUHQ-6S7T-1-100-R18-X | GW DASPA1.EC-GUHQ-6S7T-1            |                                 |
| Q65111A5047    | GW DASPA1.EC-HPHR-5M7N-1-100-R18-L | GW DASPA1.EC-HPHR-5M7N-1-LM         |                                 |
| Q65111A5071    | GW DASPA1.EC-GUHQ-6R7T-1-100-R18-L | GW DASPA1.EC-GUHQ-6R7T-1-LM         |                                 |
| Q65111A5312    | GW DASPA1.EC-HPHR-5J7K-1-100-R18   | GW DASPA1.EC-HPHR-5J7K-1            |                                 |
| Q65111A5313    | GW DASPA1.EC-HQHS-5J7K-1-100-R18   | GW DASPA1.EC-HQHS-5J7K-1            |                                 |
| Q65111A5323    | GW DASPA1.EC-HQHS-5H7I-KM-100-R18  | GW DASPA1.EC-HQHS-5H7I-KM           |                                 |

| <i>Product</i> | <i>QNumber</i> | <i>QNumber Description</i>        | <i>Part Number</i>           |
|----------------|----------------|-----------------------------------|------------------------------|
| GW DASPA1.EC   | Q65111A5324    | GW DASPA1.EC-HPHR-5M7N-KM-100-R18 | GW DASPA1.EC-HPHR-5M7N-KM-LM |
|                | Q65111A5325    | GW DASPA1.EC-GUHQ-6R7T-KM-100-R18 | GW DASPA1.EC-GUHQ-6R7T-KM-LM |
| GW DASPA1.UC   | Q65111A3607    | GW DASPA1.UC-HQHS-5D8F-1-100-R18  | GW DASPA1.UC-HQHS-5D8F-1     |
|                | Q65111A3608    | GW DASPA1.UC-HQHS-5C8E-1-100-R18  | GW DASPA1.UC-HQHS-5C8E-1     |
|                | Q65111A5334    | GW DASPA1.UC-HPHR-5C8G-1-100-R18  | GW DASPA1.UC-HPHR-5C8G-1     |
| GY DASPA1.23   | Q65111A4404    | GY DASPA1.23-ETFP-36-1-100-R18    | GY DASPA1.23-ETFP-36-1       |
|                | Q65111A4492    | GY DASPA1.23-FPFR-36-1-100-R18    | GY DASPA1.23-FPFR-36-1       |
|                | Q65111A4493    | GY DASPA1.23-FQFS-36-1-100-R18    | GY DASPA1.23-FQFS-36-1       |