






| <b>Product / Process Change Notification (PCN)</b>  |   |   |   |                      |  |  |                      |  |   |  |  |
|---|---|---|---|----------------------|--|--|----------------------|--|---|--|--|
| <input checked="" type="checkbox"/> Major change<br><input type="checkbox"/> Minor change   |   |   |   |                      |  |  |                      |  |   |  |  |
| <b>PCN #:</b> PCN_FrqXTAL_20220915<br><br><b>Affected Series:</b> WE-XTAL; Size: CFPX-217<br>830009678, 830009706,<br>830009709, 830054236<br><br><b>PCN Date:</b> June 15, 2022<br><br><b>Effective Date:</b> September 15, 2022   | <b>Change Category:</b><br><input checked="" type="checkbox"/> Equipment / Location<br><input type="checkbox"/> General Data<br><input type="checkbox"/> Material<br><input type="checkbox"/> Process<br><input type="checkbox"/> Product Design<br><input type="checkbox"/> Shipping / Packaging<br><input type="checkbox"/> Supplier<br><input type="checkbox"/> Software |   |   |                      |  |  |                      |  |   |  |  |
| <b>Contact:</b> Product Management<br><br><b>Phone:</b> +49 (0) 7942 - 945 5001<br><br><b>Fax:</b> +49 (0) 7942 - 945 5179<br><br><b>E-Mail:</b> pcn.eisos@we-online.com  | <b>Data Sheet Change:</b><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br><br><b>Attachment:</b><br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |   |   |                      |  |  |                      |  |   |  |  |
| <b>Description and purpose of change:</b><br>To increase the production capability, Würth Elektronik will implement an additional production line.<br>Due to different toolings, there will be a visual difference between the part from the established production line compared to the part from the new production line.<br>All products with date code 2022-06-01 or later, will be affected by this change.<br>There will be no change in fit, function, quality or reliability of the product.  |   |   |   |                      |  |  |                      |  |   |  |  |
| <b>Detail of Change:</b><br><br>The production lines can be identified by the first three digits of the lot number: <b>XXX</b> XXXXXXXXXXXXX  |   |   |   |                      |  |  |                      |  |   |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Affected part number</th> <th style="width: 33%;">Lot number of already established production line:</th> <th style="width: 33%;">Lot numbers of additional production lines:</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">830009678, 830054236</td> <td style="padding: 5px;">Lot number: <b>457</b> XXX XXX XXX XXX<br/>Country of Origin: Japan</td> <td style="padding: 5px;">Lot number: <b>617</b> XXX XXX XXX XXX<br/>Country of Origin: Japan</td> </tr> <tr> <td style="padding: 5px;">830009706, 830009709</td> <td style="padding: 5px;">Lot number: <b>531</b> XXX XXX XXX XXX<br/>Country of Origin: China</td> <td style="padding: 5px;">Lot number: <b>457</b> XXX XXX XXX XXX<br/>Country of Origin: Japan<br/>and<br/>Lot number: <b>617</b> XXX XXX XXX XXX<br/>Country of Origin: Japan</td> </tr> </tbody> </table> | Affected part number  | Lot number of already established production line:  | Lot numbers of additional production lines: | 830009678, 830054236 | Lot number: <b>457</b> XXX XXX XXX XXX<br>Country of Origin: Japan | Lot number: <b>617</b> XXX XXX XXX XXX<br>Country of Origin: Japan | 830009706, 830009709 | Lot number: <b>531</b> XXX XXX XXX XXX<br>Country of Origin: China | Lot number: <b>457</b> XXX XXX XXX XXX<br>Country of Origin: Japan<br>and<br>Lot number: <b>617</b> XXX XXX XXX XXX<br>Country of Origin: Japan |  |  |
| Affected part number  | Lot number of already established production line:  | Lot numbers of additional production lines:   |   |                      |  |  |                      |  |   |  |  |
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| 830009706, 830009709  | Lot number: <b>531</b> XXX XXX XXX XXX<br>Country of Origin: China  | Lot number: <b>457</b> XXX XXX XXX XXX<br>Country of Origin: Japan<br>and<br>Lot number: <b>617</b> XXX XXX XXX XXX<br>Country of Origin: Japan |   |                      |  |  |                      |  |   |  |  |

Due to the additional production lines, there will be a change in the marking. The marking of the individual part will depend on the production line. There will be no change to the electrical and mechanical specifications and no change to the datasheet.

| Production line <b>457</b>  | Production line <b>531</b>   | Production line <b>617</b>  |
|---|--|---|
|    |    |  |
| <p>Marking:<br/>                 Line: DXXYWW</p> <p>D = Internal code<br/>                 XX= Load capacitance<br/>                 YWW = Date Code (Year / Week)</p> <p>Example :<br/>                 D06819: Internal Code; Load Capacitance<br/>                 6 pF; Year 2018; Week 19</p> | <p>Marking:<br/>                 Line: YMXXX</p> <p>YM = Date Code (Year / Month*)<br/>                 XXX = Lot number</p> <p>*: 1 = January,.....,9 = September, X = October, Y = November,<br/>                 Z = December</p> <p>Example:<br/>                 89008: Year: 2018; Month September; Lot 008<br/>                 02031: Year 2020; Month February; Lot 031<br/>                 1X042: Year 2021; Month October; Lot 042</p> |   |

**Reliability / Qualification Summary:**

Product approval is according to the specification criteria and is internally released by the Product Management Department.

The following items are part of the internal release process:

- Visual Appearance
- Mechanical Parameters (according to the specifications in the Datasheet)
- Electrical Parameters (according to the specifications in the Datasheet)