



Product / Process Change Notification (PCN)

- Major change
 Minor change

PCN #: PCN_FrqXTAL_20230221
Affected Series: WE-XTAL; Size: 12SMX;
 830 xxx xxx – selected parts ,
 830 1xx xxx xxx – selected parts
PCN Date: November 21, 2022
Effective Date: February 21, 2023

- Change Category:**
- Equipment / Location
 - General Data
 - Material
 - Process
 - Product Design
 - Shipping / Packaging
 - Supplier
 - Software

Contact: Product Management
Phone: +49 (0) 7942 - 945 5001
Fax: +49 (0) 7942 - 945 5179
E-Mail: pcn.eisos@we-online.com

- Data Sheet Change:**
- Yes No
- Attachment:**
- Yes No

Description and purpose of change:

To increase the production capability, Würth Elektronik will implement an additional production line. To ensure availability, additional raw materials will be approved in the course of the release of the new production line. 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.
 All products with date code 2022-08-01 or later, will be affected by this change.
 There will be no change in form, fit, function, quality or reliability of the product.

Detail of Change:

The production lines can be identified by the first three digits of the lot number: **XXX** XXXXXXXXXXXXX

Already established production line:	Additional production line:
Lot number: 456 XXX XXX XXX XXX	Lot number: 455 XXX XXX XXX XXX
Country of Origin: China	Country of Origin: China

Details on the additional released raw materials can be found in the attached full material declarations. Due to the additional production lines and toolings, 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 456	Production line 455
	
<p>Marking:</p> <p>1st Line: Frequency 2nd Line: 12SMX-B 3rd Line: YYWWDY</p> <p>YYWW = Date Code (Year / Week) DY = Internal Code</p> <p>Example :</p> <p>12.000000M: 12 MHz 12SMX-B: Size 12SMX 1907DY: Year 2019; Week 07; Internal Code</p>	<p>Marking:</p> <p>1st Line: Frequency 2nd Line: KDWYG</p> <p>KD = Production Line Code WY = Date Code (Week* / Year) G = Internal Code</p> <p>*: A = Week 1, B = Week 2,..., a = Week 27,..., z = Week 52</p> <p>Example:</p> <p>30.000: 30 MHz KDA2G: Production Line Code; Week 1; Year 2022; Internal Code</p>

Affected part numbers:

830026380	830103636801	830026396	830026388	830103652101	830026386
830026382	830105399101	830026504	830026392	830103690201	830103556101
830026384	830102639001	830059082	830026394	830106534201	



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)