



Product / Process Change Notification (PCN)

- ☒ Major change
☐ Minor change

PCN #: PCN_FrqSPXO_20240320

Affected Series: WE-SPXO; Size: CFPS-72, CFPS-73, IQXO-540,
 IQXO-542;
 831 xxx xxx – selected parts ,
 830 2xx xxx xxx– selected parts

PCN Date: December 20, 2023

Effective Date: March 20, 2024

Change Category:

- ☒ Equipment / Location
☐ General Data
☒ Material
☐ Process
☐ Product Design
☐ Shipping / Packaging
☒ Supplier
☐ Software

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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 2022-04-04 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: 452 XXX XXX XXX XXX	Lot number: 455 XXX XXX XXX XXX
Country of Origin: Taiwan	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.

Marking CFPS-72 and CFPS-73:

Production line **452**



Marking:

- 1st Line: Frequency
- 2nd Line: Model Name (CFPS-72 or CFPS-73)
- 3rd Line: YYWWTJ

YYWW = Date Code (Year / Week)

TJ = Internal Code

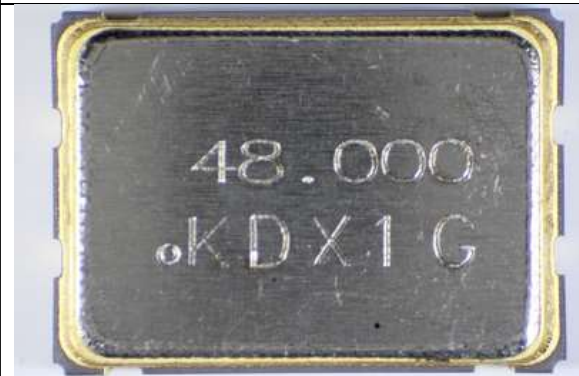
Example :

16.0000000M: 12 MHz

CFPS-73: Size CFPS-73

1912TJ: Year 2019; Week 12; Internal Code

Production line **455**



Marking:

- 1st Line: Frequency
- 2nd Line: KDWYG

KD = Production Line Code

WY = Date Code (Week* / Year)

G = Internal Code

*: A = Week 1, B = Week 2,..., a = Week 27,...,
 z = Week 52

Example:

48.000: 48 MHz

KDX1G: Production Line Code; Week 24; Year 2021;
 Internal Code

Marking IQX0-540 and IQX0-542:

Production line **452**



Marking:

1st Line: Frequency

2nd Line: WY

WY = Date Code (Week*/Year)

*: A = Week 1, B = Week 2,..., a = Week 27,...,
 z = Week 52

Example :

4800: 48 MHz

D2: Week 4; Year 2022

Production line **455**



Marking:

1st Line: Frequency

2nd Line: KDWYG

KD = Production Line Code

WY = Date Code (Week* / Year)

G = Internal Code

*: A = Week 1, B = Week 2,..., a = Week 27,...,
 z = Week 52

Example:

50.000: 50 MHz

KDJ2G: Production Line Code; Week 10; Year 2022;
 Internal Code



Affected part numbers:

831009437	831018379	831019966	831056220	830201878701	830208217909
831009440	831018534	831019987	831056221	830208214609	830208218109
831009441	831018538	831019992	831056222	830208214709	830208218209
831009443	831018541	831020184	831056223	830208214809	830202536501
831017735	831018545	831020392	831056237	830208214909	831021619
831017885	831018577	831020465	831056238	830208215009	831026192
831018032	831018610	831020466	831056239	830208215109	830201927401
831018033	831018739	831020502	831056240	830208215209	830201917301
831018034	831018785	831021270	831056241	830208215309	830202023201
831018035	831018871	831021890	831056242	830208215409	830202113701
831018036	831019079	831022731	831056243	830208215509	830202153701
831018037	831019082	831022825	831056244	830208215609	830202228901
831018038	831019083	831054046	831056245	830208215809	830202670501
831018039	831019137	831056168	831056246	830208216409	830202006501
831018040	831019170	831056169	831056247	830208216609	830202082801
831018041	831019203	831056188	831056248	830208216709	830202006101
831018042	831019275	831056214	831056249	830208216809	830201828901
831018043	831019710	831056215	831066629	830208217009	830202166801
831018044	831019805	831056216	831068242	830208217109	830207182209
831018045	831019870	831056217	831068248	830208217409	830201996701
831018077	831019884	831056218	831068250	830208217609	
831018287	831019928	831056219	830202129201	830208217809	

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)
- Approval of production line

The details about the performed tests can be found in the Reliability overview to customer attached to this PCN.