



Product/Process Change Notice (PCN)																																									
<input type="checkbox"/> Major Change <input checked="" type="checkbox"/> Minor Change																																									
PCN Number: PCN_FrqSPXO_20250220 Affected Series: WE-SPXO Affected Part Number: See table below PCN Date: 2024-11-20 (YYYY-MM-DD) Effective Date: 2025-02-20 (YYYY-MM-DD)	Change Category: <input type="checkbox"/> Equipment/Location <input checked="" type="checkbox"/> General Data <input type="checkbox"/> Material <input type="checkbox"/> Process <input type="checkbox"/> Product Design <input type="checkbox"/> Shipping/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Software																																								
Contact: Product Management Phone: +49 (0) 7942 - 945 5001 Fax: +49 (0) 7942 - 945 5179 E-Mail: pcn.eisos@we-online.com	Datasheet Change: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Attachment: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																																								
DESCRIPTION OF CHANGE: <p>Because of a database mismatch, Würth Elektronik eiSos will correct the RoHs status (1), packaging details (2), product dimensions (3), IQD Part No. format (4), ageing (5), duty cycle (6), environmental parameters (7), rise and fall time (8) and current draw (9) in the datasheet.</p> <p>This is a datasheet correction only. There will be no change in form, fit, function, quality or reliability of the product.</p>																																									
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<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tbody> <tr><td>831025019</td><td>831025497</td><td>830207647309</td><td>830207659209</td><td>830207670409</td></tr> <tr><td>831025165</td><td>831025558</td><td>830205530509</td><td>831055678</td><td>830207670609</td></tr> <tr><td>831025166</td><td>831025559</td><td>830208197509</td><td>830207245309</td><td>830207044109</td></tr> <tr><td>831025492</td><td>831025560</td><td>830205889709</td><td>830205530709</td><td>830207670909</td></tr> <tr><td>831025493</td><td>831026368</td><td>830207658809</td><td>830205312509</td><td>830208303509</td></tr> <tr><td>831025494</td><td>831027167</td><td>831063343</td><td>830205075709</td><td>830202680009</td></tr> <tr><td>831025495</td><td>830207192009</td><td>830207659009</td><td>830207659609</td><td>830206371709</td></tr> <tr><td>831025496</td><td>831059271</td><td>830205896509</td><td>831055872</td><td></td></tr> </tbody> </table>		831025019	831025497	830207647309	830207659209	830207670409	831025165	831025558	830205530509	831055678	830207670609	831025166	831025559	830208197509	830207245309	830207044109	831025492	831025560	830205889709	830205530709	830207670909	831025493	831026368	830207658809	830205312509	830208303509	831025494	831027167	831063343	830205075709	830202680009	831025495	830207192009	830207659009	830207659609	830206371709	831025496	831059271	830205896509	831055872	
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DETAILS OF CHANGE:

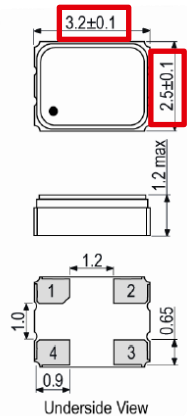
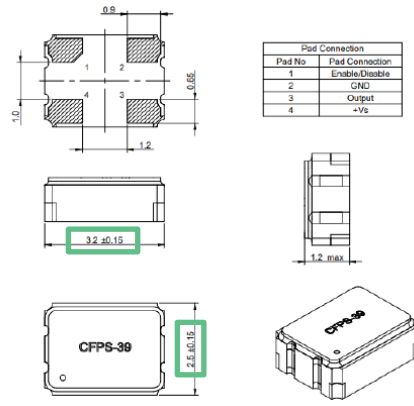
1. Correction of the RoHs Status:

	Before	After
RoHS Status	Compliant (2011/65/EU)	Compliant (2015/863/EU)

2. Correction of the Packaging Details:

	Affected Part Numbers	Before	After
Packaging Details	831025019, 831025165, 831025166, 831025492, 831025493, 831025494, 831025495, 831025496, 831025497, 831025558, 831025559, 831025560, 831026368, 831027167, 831055678, 831055872, 831059271, 831063343, 831080290	Pack Style: Reel Tape & reel in accordance with EIA-481-D Pack Size: 1,000	Tape & reel in accordance with EIA-481 Quantities below the standard reel size to be supplied on cut tape Standard Quantity: 3,000 Pieces
	830205075709, 830205312509, 830205530509, 830205530709, 830205889709, 830205896509, 830207044109, 830207192009, 830207245309, 830207647309, 830207658809, 830207659009, 830207659209, 830207659609, 830207670409, 830207670609, 830207670909, 830208197509	Pack Style: RL3K Tape & reel in accordance with EIA-481-D Pack Size: 3,000	Tape & reel in accordance with EIA-481 Quantities below the standard reel size to be supplied on cut tape Standard Quantity: 3,000 Pieces

3. Correction of the Product Dimensions:

	Before	After										
Product Dimensions	 <p>Pad Connections 1. Enable/Disable 2. GND 3. Output 4. +Vs</p>	 <table border="1"> <thead> <tr> <th>Pad No.</th> <th>Pad Connection</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Enable/Disable</td> </tr> <tr> <td>2</td> <td>GND</td> </tr> <tr> <td>3</td> <td>Output</td> </tr> <tr> <td>4</td> <td>+Vs</td> </tr> </tbody> </table>	Pad No.	Pad Connection	1	Enable/Disable	2	GND	3	Output	4	+Vs
Pad No.	Pad Connection											
1	Enable/Disable											
2	GND											
3	Output											
4	+Vs											
L	3.2 ± 0.1	3.2 ± 0.15										
W	2.5 ± 0.1	2.5 ± 0.15										
H	1.2 max	1.2 max										

4. Update of IQD Part No.:

Due to internal standardization the last 4 digits identifying the packaging type have been removed from the IQD Part No. format.

	Before	After
IQD Part No.	LFSPXOXXXXXXReel or LFSPXOXXXXXXRL3K e.g. LFSPX0018610Reel, LFSPX0076704RL3K	LFSPXOXXXXXX e.g. LFSPX0018610, LFSPX0076704

5. Correction of the Ageing:

	Before	After
Ageing	±3 ppm max per year @ 25 °C	±5 ppm max per year @ 25 °C

6. Correction of the Duty Cycle:

	Before	After
Duty Cycle	45/55%	40/60%



7. Standardization of Environmental Parameters:

Due to internal standardization, it has been decided to update the shock and vibration specification to align with the test condition of the AEC-Q200.

	Before	After
Shock	MIL-STD-202F, Method 213B: 1000 G, 0.5 ms, 1/2 sine wave	Half Sine shock pulse with peak acceleration 500 g; Pulse duration: 0.3 ms
Vibration	MIL-STD-202F, Method 204D, Test Condition D: 20 G (10 Hz-2000 Hz), 4 hrs in 3 mutually perpendicular planes (total 12 hrs)	Vibration: MIL-STD-202 Method 204. 5 g for 20 minutes, 12 cycles in each of the 3 orientations, 10 - 2000 Hz. As per Table 11 of AEC-Q200.

8. Correction of the Rise and Fall Time:

	Before	After
Rise and Fall time	5.0 ns max	7.0 ns max

9. Correction of the Current Draw:

	Affected Part Numbers	Before	After
Current Draw	830207192009, 831059271, 830207647309, 831025492, 830205530509, 831025493, 830208197509, 831025494, 830205889709, 830207658809	7 mA	20 mA
	831025495, 831063343, 830207659009, 831025558, 830205896509, 831025496, 830207659209, 831025165, 831055678, 831027167, 830207245309, 831026368, 830205530709, 831025497, 830208303509, 830202680009	12 mA	20 mA
	830207670409, 830207670609, 830207044109, 830207670909	30 mA	40 mA

RELIABILITY / QUALIFICATION OF CHANGE:

There will be no change of the product, therefore no additional reliability or qualification testing was performed.

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**WÜRTH
ELEKTRONIK**
MORE THAN
YOU EXPECT

