



## Product/Process Change Notice (PCN)

- Major Change  
 Minor Change

<b>PCN Number:</b> PCN_FrqSPXO_20250226  <b>Affected Series:</b> WE-SPXO  <b>Affected Part Number:</b> See table below  <b>PCN Date:</b> 2024-11-26  <b>Effective Date:</b> 2025-02-26	<b>Change Category:</b> <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
<b>Contact:</b> Product Management  <b>Phone:</b> +49 (0) 7942 - 945 5001  <b>Fax:</b> +49 (0) 7942 - 945 5179  <b>E-Mail:</b> pcn.eisos@we-online.com	<b>Datasheet Change:</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  <b>Attachment:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

### DESCRIPTION OF CHANGE:

Because of a database mismatch, Würth Elektronik eiSos will correct the RoHs status (1), ageing (2), packaging details (3), IQD part number (4), output compatibility (5), environmental parameters (6), rise and fall time (7) and current draw (8) in the datasheet.

This is a datasheet correction only. There will be no change in form, fit, function, quality or reliability of the product.

### Affected Part Number:

831056262	831056268	831056273	830208222001	830208222901
831056263	831056269	831056274	830208222101	830208222501
831056264	831056270	831066658	830208222201	830208222601
831056266	831056271	830208221801	830208222301	830208222701
831056267	831056272	830208221901	830208222401	830206924301



<b>DETAILS OF CHANGE:</b>		
1. Correction of the RoHS Status:		
	<b>Before</b>	<b>After</b>
RoHS Status	Compliant (2011/65/EU)	Compliant (2015/863/EU)
2. Correction of Ageing:		
	<b>Before</b>	<b>After</b>
Ageing	±3 ppm max per year	±5 ppm per year
3. Correction of the Packaging Details:		
	<b>Before</b>	<b>After</b>
Packaging Details	Pack Style: Reel Tape & reel in accordance with EIA-481D 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
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.		
	<b>Before</b>	<b>After</b>
IQD Part No.	LFSPXOXXXXXXReel e.g. LFSPX0056263Reel	LFSPXOXXXXXX e.g. LFSPX0056263
5. Correction of the Output Compatibility:		
	<b>Before</b>	<b>After</b>
Output Compatibility	HCMOS	CMOS



6. 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 and Vibration	Shock: MIL-STD-202, Method 213. Or comparable. Vibration: MIL-STD-883, Method 2007. Or comparable.	Shock: Half sine shock pulse with peak acceleration 500 g; Pulse duration: 0.3 ms 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.

7. Correction of the Rise and Fall Time:

	Before	After
Rise and Fall time	10.0 ns max	7.0 ns max

8. Correction of the Current Draw:

	Affected Part Numbers	Before	After
Current Draw	831056264, 830208222201, 831056266, 830208222301, 831056267, 831056268, 831056269, 831056270, 830208222401, 831056271, 830208222901, 830208222501, 830208222601, 831056272, 830208222701, 831056273, 831056274, 830206924301	10 mA	12 mA

**RELIABILITY / QUALIFICATION OF CHANGE:**

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