



## Product/Process Change Notice (PCN)

- Major Change  
 Minor Change

<p><b>PCN Number:</b> PCN_FrqSPXO_20250227</p> <p><b>Affected Series:</b> WE-SPXO</p> <p><b>Affected Part Number:</b> See table below</p> <p><b>PCN Date:</b> 2024-11-27</p> <p><b>Effective Date:</b> 2025-02-27</p>	<p><b>Change Category:</b></p> <p><input type="checkbox"/> Equipment/Location</p> <p><input checked="" type="checkbox"/> General Data</p> <p><input type="checkbox"/> Material</p> <p><input type="checkbox"/> Process</p> <p><input type="checkbox"/> Product Design</p> <p><input type="checkbox"/> Shipping/Packaging</p> <p><input type="checkbox"/> Supplier</p> <p><input type="checkbox"/> Software</p>
<p><b>Contact:</b> Product Management</p> <p><b>Phone:</b> +49 (0) 7942 - 945 5001</p> <p><b>Fax:</b> +49 (0) 7942 - 945 5179</p> <p><b>E-Mail:</b> pcn.eisos@we-online.com</p>	<p><b>Datasheet Change:</b></p> <p><input checked="" type="checkbox"/> Yes      <input type="checkbox"/> No</p> <p><b>Attachment:</b></p> <p><input type="checkbox"/> Yes      <input checked="" type="checkbox"/> No</p>

**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:**

831056289	831056297	831066657	830208220301	830208220701
831056290	831056298	831072801	830208220401	830206415701
831056293	831056299	830208219901	830208220501	830208220901
831056294	831056300	830208220001	830206415801	830208530001
831056295	831056301	830208220101	830208220601	830207305901
831056296	831061624	830208220201		



<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 @ 25 °C	±5 ppm per year @ 25 °C
3. Correction of the Packaging Details:		
	<b>Before</b>	<b>After</b>
Packaging Details	<b>Pack Style: Reel</b> Tape & reel in accordance with EIA-481D <b>Pack Size: 3,000</b>	Tape & reel in accordance with EIA-481 <b>Quantities below the standard reel size to be supplied on cut tape</b> <b>Standard Quantity: 3,000 Pieces</b>
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.	LFSPXOXXXXXX <b>Reel</b> e.g. LFSPX0056297 <b>Reel</b>	LFSPXOXXXXXX e.g. LFSPX0056297
5. Correction of the Output Compatibility:		
	<b>Before</b>	<b>After</b>
Output Compatibility	<b>HCMOS</b>	<b>CMOS</b>



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, Condition A. 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:

	Before	After
Current Draw	10 mA	25 mA

**RELIABILITY / QUALIFICATION OF CHANGE:**

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