Würth Elektronik eiSos GmbH & Co. KG
EMC & Inductive Solutions
Max-Eyth-Straße 1 · 74638 Waldenburg · Germany
Tel. +49 7942 945-0 · Fax +49 7942 945-5000
eiSos@we-online.com · www.we-online.com

WÜRTH ELEKTRONIK MORE THAN YOU EXPECT

Product/Process Change Notice (PCN)

☒ Major Change
☐ Minor Change

PCN Number: PCN_IndCHSA_20250807

Affected Series: WE-CHSA

Affected Part Number: see table below

PCN Date: 2025-02-06 (YYYY-MM-DD)

Effective Date: 2025-08-07 (YYYY-MM-DD)

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

Contact: Product Management

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Datasheet Change:
☐ Yes ☒ No

Attachment:
☐ Yes ☒ No

DESCRIPTION OF CHANGE:

In order to meet current market demands, Würth Elektronik eiSos will release a 2nd source of core supplier to ensure supply chain stability.
There will be no change in form, fit, function, quality or reliability of the product.
Goods delivered after the effective date of the current PCN 2nd source supplier might use indistinctly any core supplier.

Affected part numbers:

Size 1212

7843320039	7843320068	7843320100	7843320150	7843320270
7843320330	7843320470	7843320680	7843320820	7843321000
7843321200	7843321800	7843322000		

Size 1212 Performance

78433290200	78433290240	78433290360	78433290510	78433290620
78433290750	78433290820	78433291500		

Würth Elektronik eiSos GmbH & Co. KG Sitz Waldenburg, Registergericht Stuttgart HRA 580801
Komplementär Würth Elektronik eiSos Verwaltungs-GmbH, Sitz Waldenburg, Registergericht Stuttgart HRB 581033
Geschäftsführer Thomas Garz, Alexander Gerfer, Dirk Knorr, Josef Wörner
Bankverbindung UniCredit Bank AG Stuttgart, Konto 322 620 136, BLZ 600 202 90, IBAN DE86 6002 0290 0322 6201 36, SWIFT/BIC HYVEDEMM473
USt.-IdNr. DE220618976

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Size 1011

7843330033	7843330056	7843330100	7843330180	784333330
7843330390	7843330560	7843330820	7843331000	7843331200
7843331800	7843332000			

Size 1011 Performance

78433390150	78433390240	78433390300	78433390430	78433390620
78433390820	78433391000	78433391500		

Size 8090

7843340033	7843340047	7843340068	7843340100	7843340220
7843340330	7843340470			

Size 8090 Performance

7843340033	7843340047	7843340068	7843340100	7843340220
7843340330	7843340470			

DETAILS OF CHANGE:

The material of the new supplier is equivalent to the material of the existing supplier. Therefore the electrical properties, as also the mechanical dimensions in the specification don't change.

The deviation of the electrical properties before and after change are within a typical production tolerance.

	Already established core material supplier	Additional core material supplier
Lot number	284 0x xxx xxxx xxx	284 1x xxx xxxx xxx

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RELIABILITY / QUALIFICATION OF CHANGE:

An additional reliability testing was performed and approved.
Qualification according to AEC-Q200 table 5.
Additional details of the tests can be found in the table below:

Test Item	Sample size	Reference	Test conditions	Acceptance
Temperature Cycling	77	JESD22 Method JA-104	1000 cycles, from -40 °C (dwell time: 30 min) to 125 °C (dwell time: 30 min). Maximum transfer time: 1 min.	Approved
High Temperature Operational Life	77	MIL-STD-202-108	Preconditioning: Reflow 2 passes required 100 °C, 1000 h, Input current to archive temp. rise ΔT = 50 K	Approved
External Visual	All	MIL-STD-883-2009	N/A	Approved
Physical Dimension	30	JESD22-B100	N/A	Approved
Mechanical Shock	30	MIL-STD-202-213	3 shocks in each direction (x, -x, y, -y, z, -z), peak value of 100 g, duration 6 ms, half-sine, velocity change 12.3 ft/s.	Approved
Electrical Characterization	30	User Spec.	measure electrical property @ 20 ℃, -55 °C, 150 °C.	Approved

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