



Product Change Notification (PCN)

This document applies to all companies and branches of the Würth Elektronik eiSos Group.

- ☒ Major Change
☐ Minor Change

PCN Number: PCN_IndFAMI_20261117 Affected Series: WE-FAMI Affected Part Number: please refer to table "PART NUMBER, REVISION & DATASHEET" PCN Date: 2026-08-17 (YYYY-MM-DD) Effective Date: 2026-11-17 (YYYY-MM-DD)	Change Category: ☒ Equipment/Location ☐ General Data ☐ Material ☐ Process ☐ Product Design ☐ Shipping/Packaging ☐ Supplier ☐ 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: ☒ Yes ☐ No Attachment: ☐ Yes ☒ No

DESCRIPTION OF CHANGE:

To increase the production capability, Würth Elektronik eiSos will transfer one production line to a new site location, for the product series WE-FAMI with part numbers indicated in table "PART NUMBER, REVISION & DATASHEET".

There will be no change in fit, form, function, quality or reliability of the product.

The new revision of the affected part numbers will be sent out after the previous revision is out of stock (according to FIFO - first-in, first-out).

The preliminary datasheets of the affected part numbers which are available in the online catalogue will be available on the website after the PCN date. Link to the website: [WE-FAMI](#)

PART NUMBER, REVISION & DATASHEET:

Part Number	Revision before change	Revision after change
744750230030	001.002	001.003
744750230047	001.002	001.003
744750340047	001.002	001.003
744750420047	001.002	001.003
744750530047	001.002	001.003



744750560047	001.002	001.003
744750230068	001.002	001.003
744750420068	001.002	001.003
744750530068	001.002	001.003
744750230100	001.002	001.003
744750460100	001.002	001.003
744750420100	001.002	001.003
744750530100	001.002	001.003
744750560100	001.002	001.003
744750230150	001.002	001.003
744750340150	001.002	001.003
744750460150	001.002	001.003
744750420150	001.002	001.003
744750460220	001.002	001.003
744750420220	001.002	001.003
744750560220	001.002	001.003

Note: the links in the table above remain valid until the effective date.

DETAILS OF CHANGE:

For all part numbers listed in the table "PART NUMBER, REVISION & DATASHEET", the new production line can be identified by checking the digits four and five of the lot number, shown as follows:

Production site identification

Before change	After change
Lot number: 618 10 XXX XXXX XXX	Lot number: 618 00 XXX XXXX XXX
Country of origin on Delivery Note: China	Country of origin on Delivery Note: China



For all part numbers listed in the table "PART NUMBER, REVISION & DATASHEET", Würth Elektronik eiSos has successfully completed AEC-Q200 qualification:

Before change	After change																		
Certification: <table border="1"> <tr> <td>RoHS Approval</td><td>Compliant [2011/65/EU&2015/863]</td></tr> <tr> <td>REACH Approval</td><td>Conform or declared [(EC)1907/2006]</td></tr> <tr> <td>Halogen Free</td><td>Conform [JEDEC JS709B]</td></tr> <tr> <td>Halogen Free</td><td>Conform [IEC 61249-2-21]</td></tr> </table>	RoHS Approval	Compliant [2011/65/EU&2015/863]	REACH Approval	Conform or declared [(EC)1907/2006]	Halogen Free	Conform [JEDEC JS709B]	Halogen Free	Conform [IEC 61249-2-21]	Certification: <table border="1"> <tr> <td>RoHS Approval</td><td>Compliant [2011/65/EU&2015/863]</td></tr> <tr> <td>REACH Approval</td><td>Conform or declared [(EC)1907/2006]</td></tr> <tr> <td>Halogen Free</td><td>Conform [JEDEC JS709B]</td></tr> <tr> <td>Halogen Free</td><td>Conform [IEC 61249-2-21]</td></tr> <tr> <td>AEC-Q200 Qualification</td><td>Compliant [Rev. E]</td></tr> </table>	RoHS Approval	Compliant [2011/65/EU&2015/863]	REACH Approval	Conform or declared [(EC)1907/2006]	Halogen Free	Conform [JEDEC JS709B]	Halogen Free	Conform [IEC 61249-2-21]	AEC-Q200 Qualification	Compliant [Rev. E]
RoHS Approval	Compliant [2011/65/EU&2015/863]																		
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AEC-Q200 Qualification	Compliant [Rev. E]																		

RELIABILITY / QUALIFICATION OF CHANGE:

An additional reliability test was performed and approved.

Qualification according to AEC-Q200 table 05.

Additional details of the tests can be found in the table below:

Test item	Sample Size	Reference	Test conditions	Acceptance
High Temperature Exposure	77	MIL-STD-202-108	125 °C, 1000 h	Approved
Temperature Cycling	77	JESD22 Method JA-104	Preconditioning: Reflow 3 passes required -40 °C to 125 °C (shall not exceed 125 °C), dwell time: 15 min (minimum), Transfer time max. 1 min, 1000 cycles	Approved
Humidity Bias	77	MIL-STD-202-103	85 °C, 85% RH, 1000 h	Approved
High Temperature Operational Life	77	MIL-STD-202-108	Preconditioning: Reflow 3 passes required 85 °C, 1000 h, Input current to archive temp. rise $\Delta T = 40$ K	Approved
External Visual	All	MIL-STD-883-2009	N/A	Approved
Physical Dimension	30	JESD22-B100	N/A	Approved
Terminal Strength	30	MIL-STD-202-211	Condition A (pull test)	Approved
			Condition C (wire-lead bend test)	
Resistance to Solvents	15	MIL-STD-202-215	Solvent 1: Immersion 3 min $\pm$ 0.5 min @ 25 °C $\pm$ 5 °C, brush 10 strikes (wet bristle), 2 oz to 3 oz, 3 cycles	Approved



			with air below dry	
			Solvent 3: Immersion 3 min $\pm$ 0.5 min @ 25 °C $\pm$ 5 °C, brush 10 strikes (wet bristle), 2 oz to 3 oz, 3 cycles with Rinse in water air below dry	
			Solvent 4: Immersion 3 min $\pm$ 0.5 min @ 63 °C to 70 °C, brush 10 strikes (wet bristle), 2 oz to 3 oz, 3 cycles with Rinse in water air below dry	
Washability	5	MIL-STD-202-215	Preconditioning: soldered on PCB Step1: Cleaning with medium A201 @ 60 °C, 20 min Step 2: Rinsing 1 with DI water @ 30 °C, 2 min Step 3: Rinsing 2 with DI water @ 30 °C, 2 min Step 4: Rinsing 3 with DI water @ 40 °C, 3 min Step 5: Rinsing 4 with DI water @ 50 °C, 3 min Step 6: Drying @ 90 °C, 30 min Unpowered.	Approved
Mechanical Shock	30	MIL-STD-202-213	3 shocks in each direction(x, -x, y, -y, z, -z) , peak value 100 g's, duration 6 ms, half-sine, velocity change 12.3 ft/sec.	Approved
Vibration	30	MIL-STD-202-204	5 g's for 20 min, 12 cycles each of 3 orientations, test from 10 Hz to 2000 Hz	Approved
Resistance to Soldering Heat	30	MIL-STD-202-210	condition C, topside board-mount product, Solder temp. 260 °C $\pm$ 5 °C , time: 20 s $\pm$ 1 s, number of heat: 1 cycle	Approved
ESD	15	AEC-Q200-002 or ISO/DIS10605	Test Environment: 22 °C $\pm$ 5 °C, Humidity: 30% to 60%. Component Classification = 6.	Approved
Solderability	15	J-STD-002	Preconditioning: Dry Bake 4 h $\pm$ 15 min @155 °C, Test A1 : Dip and Look Test Solder Angle: 90 ° Solder temperature : 245 °C $\pm$ 5 °C Solder immersion time : 5 s	Approved
Electrical Characterization	30	User Spec.	measure electrical property @ 20 °C, -40 °C, 125 °C.	Approved
Low Temperature Storage Life	77	JESD22-A119	-40 °C, 1000h	Approved