

ERRATA

N° 10324AERRA

Dear customer,

With this Infineon Technologies AG errata note we would like to inform you about the following

Harmonization of isolation test duration



On 16 April 2020, Infineon acquired Cypress.
We are now in the process of merging and consolidating our tools and processes for PCN, Information Notes, Errata and Product Discontinuance.
For further details, please visit our website:
<https://www.infineon.com/cms/en/about-infineon/company/cypress-acquisition/>

Infineon Technologies AG

Postal address D-81726 München Internet www.infineon.com Headquarters Am Campeon 1-15, D-85579 Neubiberg Phone +49 (0)89 234-0

Chairman of the Supervisory Board Dr. Wolfgang Eder

Management Board Jochen Hanebeck (CEO), Dr. Helmut Gassel, Constanze Hufenbecher, Dr. Sven Schneider, Dr. Rutger Wijburg

Registered office Neubiberg Commercial register Amtsgericht München HRB 126492

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► **Products affected** Please refer to attached affected product list 1_cip10324_a

► **Detailed change information**

Subject The isolation test duration of all affected products will be unified to 60 s.

Reason Based on the IEC 62497-1:2010 (Railway applications – Insulation coordination – Part1: Basic requirements – Clearances and creepage distances for all electrical and electronic equipment), a test duration of 10 sec is required.
Based on UL 1557 (Standard for Safety, Electrically Isolated Semiconductor Devices, 6th Edition), a dielectric voltage-withstand test of either 1sec or 60sec is required.
In order to harmonize test durations, all modules will undergo an isolation test with 60sec duration.

Description	<u>Old</u>	<u>New</u>
	■ Isolation test voltage test condition t = 10 s	■ Isolation test voltage test condition t = 60 s

► **Impact of change** Beside the above-mentioned change in the test procedure, the other specifications of the modules, like electrical and mechanical module parameters, remain unchanged according to JEDEC Standard JESD46-C: form, fit, function and reliability.

► **Attachments** 1_cip10324_a affected product list

► **Implementation date** 2022-05-19

If you have any questions, please do not hesitate to contact your local sales office.

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Sales name	SP number	OPN	Package
DD1000S33HE3	SP001181830	DD1000S33HE3BPSA1	AG-IHVB130-3
DD1000S33HE3_S2	SP001182008	DD1000S33HE3S2BPSA2	AG-IHVB130-3
DD1200S45KL3_B5	SP000997618	DD1200S45KL3B5NOSA1	A-IHV130-4
DD250S65K3	SP000974182	DD250S65K3NOSA1	A-IHV130-6
DD400S45KL3_B5	SP000966952	DD400S45KL3B5NOSA1	A-IHV130-4
DD500S33HE3	SP001181836	DD500S33HE3BPSA1	AG-IHVB130-3
DD500S65K3	SP001027770	DD500S65K3NOSA1	A-IHV130-6
DD600S65K3	SP000996770	DD600S65K3NOSA1	A-IHV130-6
DD750S65K3	SP001027752	DD750S65K3NOSA1	A-IHV130-6
FD1000R33HE3-K	SP001181570	FD1000R33HE3KBPSA1	AG-IHVB190-3
FD1000R33HL3-K	SP001181626	FD1000R33HL3KBPSA1	AG-IHVB190-3
FD250R65KE3-K	SP000976698	FD250R65KE3KNOSA1	A-IHV130-6
FD500R65KE3-K	SP001035672	FD500R65KE3KNOSA1	A-IHV190-6
FD800R33KF2C-K	SP000100607	FD800R33KF2CKNOSA1	A-IHV190-3
FD800R45KL3-K_B5	SP001051120	FD800R45KL3KB5NPSA1	A-IHV190-4
FF225R65T3E3	SP001983752	FF225R65T3E3BPSA1	AG-XHP3K65-361/441
FF450R33T3E3	SP001779538	FF450R33T3E3BPSA1	AG-XHP3K33-311/441
FF450R33T3E3_B5	SP001779550	FF450R33T3E3B5BPSA1	AG-XHP3K33-361/441
FF450R33T3E3_B5_C2	SP003312708	FF450R33T3E3B5C2BPSA1	AG-XHP3K33-361/441
FZ1000R33HE3	SP001181824	FZ1000R33HE3BPSA1	AG-IHVB130-3
FZ1000R33HE3_C1	SP001670368	FZ1000R33HE3C1NOSA1	AG-IHVB130-3
FZ1000R33HL3	SP001181818	FZ1000R33HL3BPSA1	AG-IHVB130-3
FZ1000R33HL3_S2	SP001182002	FZ1000R33HL3S2BDSA2	AG-IHVB130-3
FZ1200R33HE3	SP001181602	FZ1200R33HE3BPSA1	AG-IHVB190-3
FZ1200R45HL3	SP000862426	FZ1200R45HL3BPSA1	AG-IHVB190-4
FZ1200R45HL3	SP001304598	FZ1200R45HL3BPSA2	AG-IHVB190-4
FZ1200R45HL3_S7	SP001777690	FZ1200R45HL3S7BPSA1	AG-IHVB190-4
FZ1200R45KL3_B5	SP000862436	FZ1200R45KL3B5NOSA2	A-IHV190-4
FZ1200R45KL3_B5	SP001035692	FZ1200R45KL3B5NOSA1	A-IHV190-4
FZ1200R45KL3_B5_P2	SP000978568	FZ1200R45KL3B5P2NOSA1	A-IHV190-4
FZ1500R33HE3	SP001181576	FZ1500R33HE3BPSA1	AG-IHVB190-3
FZ1500R33HE3_B60	SP001617634	FZ1500R33HE3B60BPSA1	AG-IHVB190-3
FZ1500R33HE3_C1	SP001670374	FZ1500R33HE3C1NPSA1	AG-IHVB190-3
FZ1500R33HE3_S6	SP001709454	FZ1500R33HE3S6BOSA1	AG-IHVB190-3
FZ1500R33HL3	SP001181564	FZ1500R33HL3BPSA1	AG-IHVB190-3
FZ1500R33HL3	SP001181608	FZ1500R33HL3BPSA2	AG-IHVB190-3
FZ1500R33HL3	SP001181646	FZ1500R33HL3BPSA3	AG-IHVB190-3
FZ1500R33HL3_S2	SP001181684	FZ1500R33HL3S2BDSA2	AG-IHVB190-3
FZ2000R33HE4	SP003062218	FZ2000R33HE4BOSA1	AG-IHVB190-3
FZ250R65KE3	SP000975420	FZ250R65KE3NPSA1	A-IHV73-6

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Sales name	SP number	OPN	Package
FZ250R65KE3	SP001133132	FZ250R65KE3NOSA1	A-IHV73-6
FZ400R65KE3	SP000961660	FZ400R65KE3NOSA1	A-IHV130-6
FZ500R65KE3	SP000798562	FZ500R65KE3NOSA1	A-IHV130-6
FZ500R65KE3_C1	SP001670344	FZ500R65KE3C1NPSA1	A-IHV130-6
FZ600R65KE3	SP000798522	FZ600R65KE3NOSA1	A-IHV190-6
FZ600R65KE3_P3_S2	SP000976704	FZ600R65KE3P3S2NOSA1	A-IHV190-6
FZ750R65KE3	SP000555604	FZ750R65KE3NOSA1	A-IHV190-6
FZ750R65KE3	SP001087442	FZ750R65KE3NPSA1	A-IHV190-6
FZ750R65KE3_C1	SP001670350	FZ750R65KE3C1NOSA1	A-IHV190-6
FZ750R65KE3_P1_S3	SP002561718	FZ750R65KE3P1S3NOSA1	A-IHV190-6
FZ750R65KE3_P2	SP000745308	FZ750R65KE3P2NOSA1	A-IHV190-6
FZ750R65KE3_P2_S3	SP002561726	FZ750R65KE3P2S3NOSA1	A-IHV190-6
FZ750R65KE3_P3_S3	SP001103046	FZ750R65KE3P3S3NOSA1	A-IHV190-6
FZ750R65KE3_P4_S3	SP001103052	FZ750R65KE3P4S3NOSA1	A-IHV190-6
FZ750R65KE3_S2	SP000551672	FZ750R65KE3S2NDSA1	A-IHV190-6
FZ800R45KL3_B5	SP000966956	FZ800R45KL3B5NOSA1	A-IHV130-4
FZ800R45KL3_B5	SP001035696	FZ800R45KL3B5NOSA2	A-IHV130-4