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ILNAS-EN IEC 62969-3:2018

Semiconductor devices - Semiconductor interface for automotive vehicles - Part 3: Shock driven piezoelectric energy harvesting

Halbleiterbauelemente - Halbleiterschnittstelle für Automobile - Teil 3: Stoßgeführtes piezoelektrisches Energie-Harvesting bei Sensoren für

Dispositifs à semiconducteurs - Interface à semiconducteurs pour les véhicules automobiles - Partie 3: Récupération de l'énergie piézoélectrique produite par les

06/2018

National Foreword

This European Standard EN IEC 62969-3:2018 was adopted as Luxembourgish Standard ILNAS-EN IEC 62969-3:2018.

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62969-3

June 2018

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English Version

Semiconductor devices - Semiconductor interface for automotive vehicles - Part 3: Shock driven piezoelectric energy harvesting for automotive vehicle sensors (IEC 62969-3:2018)

Dispositifs à semiconducteurs - Interface à semiconducteurs pour les véhicules automobiles - Partie 3: Récupération de l'énergie piézoélectrique produite par les chocs pour les capteurs de véhicules automobiles (IEC 62969-3:2018)

Halbleiterbauelemente - Halbleiterschnittstelle für Automobile - Teil 3: Stoßgeführtes piezoelektrisches Energie-Harvesting bei Sensoren für Automobile (IEC 62969-3:2018)

This European Standard was approved by CENELEC on 2018-06-11. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 47/2461/FDIS, future edition 1 of IEC 62969-3, prepared by IEC/TC 47 "Semiconductor devices" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62969-3:2018.

The following dates are fixed:

• latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2019-03-11
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2021-06-11

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The text of the International Standard IEC 62969-3:2018 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 62047-5:2011	NOTE	Harmonized as EN 62047-5:2011 (not modified).
IEC 62047-7:2011	NOTE	Harmonized as EN 62047-7:2011 (not modified).

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60749-5	-	Semiconductor devices - Mechanical and climatic test methods - Part 5: Steady-state temperature humidity bias life test	EN 60749-5	-
IEC 60749-10	-	Semiconductor devices - Mechanical and climatic test methods - Part 10: Mechanical shock	EN 60749-10	-
IEC 60749-12	-	Semiconductor devices - Mechanical and climatic test methods - Part 12: Vibration, variable frequency	EN IEC 60749-12	-
IEC 62830-1	-	Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 1: Vibration based piezoelectric energy harvesting	-	-

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