SLOVENSKI STANDARD

SIST EN 60749-32:2004

julij 2004

Semiconductor devices - Mechanical and climatic test methods - Part 32: Flammability of plastic-encapsulated devices (externally induced) (IEC 60749-32:2002)

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ICS 13.220.40; 31.080.01

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EUROPEAN STANDARD

EN 60749-32

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2003

ICS 31.080.01

English version

Semiconductor devices -Mechanical and climatic test methods Part 32: Flammability of plastic-encapsulated devices (externally induced) (IEC 60749-32:2002)

Dispositifs à semiconducteurs -Méthodes d'essais mécaniques et climatiques Partie 32: Inflammabilité des dispositifs à encapsulation plastique (cas d'une cause extérieure d'inflammation) (CEI 60749-32:2002) **Halbleiterbauelemente -**Mechanische und klimatische Prüfverfahren Teil 31: Entflammbarkeit von Bauelementen in Kunststoffgehäusen (Selbstentzündung) (IEC 60749-32:2002) **(Standards.iteh.ai)**

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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Foreword

The text of the International Standard IEC 60749-32:2002 was approved by CENELEC as EN 60749-32 on 2002-09-24.

The text of this International Standard was reproduced from IEC 60749:1996, chapter 4, subclause 1.2 without change. Therefore, it has not been submitted to vote a second time and is still based on document 47/1394/FDIS.

The following dates were fixed:

with the EN have to be withdrawn

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement
 latest date by which the national standards conflicting
 - (dow) 2005-10-01

Each test method governed by this standard and which is part of the series is a stand-alone document, numbered EN 60749-2, EN 60749-3, etc. The numbering of these test methods is sequential, and there is no relationship between the number and the test method (i.e. no grouping of test methods). The list of these tests will be available in the CENELEC internet site and in the catalogue.

Updating of any of the individual test methods is independent of any other part. (standards.iteh.ai) Annexes designated "normative" are part of the body of the standard. In this standard, annex ZA normative. Annex ZA has been added by CENELEC. In this standard, sist/Standards.iteh.ai/catalog/standards/sist/Standards.iteh.ai/catalog/standards/sist/Standards.iteh.ai/catalog/standards/sist/Standards.iteh.ai/catalog/standards/sist/Standards.iteh.ai/catalog/standards/sist/Standards.iteh.ai/catalog/standards/sist/Standards.iteh.ai/catalog/standards/sist/Standards.iteh.ai/catalog/standards/sist/Standards.iteh.ai/catalog/standards/sist/Standards.iteh.ai/catalog/standards/sist/Standards/sist

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Endorsement notice

The text of the International Standard IEC 60749-32:2002 was approved by CENELEC as a European Standard without any modification.

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60695-2-2	1991	Fire hazard testing Part 2: Test methods Section 2: Needle-flame test	EN 60695-2-2	1994

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Dispositifs à semiconducteurs – Méthodes d'essais mécaniques et climatiques –

Partie 32:

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Part 32:

Flammability of plastic-encapsulated devices (externally induced)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SEMICONDUCTOR DEVICES – MECHANICAL AND CLIMATIC TEST METHODS –

Part 32: Flammability of plastic-encapsulated devices (externally induced)

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60749-32 has been prepared by IEC technical committee 47: Semiconductor devices.

The text of this test method is reproduced from IEC 60749 Ed.2, chapter 4, clause 1.2 without change. It has therefore not been submitted to vote a second time and is still based on the following documents:

FDIS	Report on voting	
47/1394/FDIS	47/1402/RVD	

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

Each test method governed by IEC 60749-1 and which is part of the series is a stand-alone document, numbered IEC 60749-2, IEC 60749-3, etc. The numbering of these test methods is sequential, and there is no relationship between the number and the test method (i.e. no grouping of test methods). The list of these tests will be available in the IEC Internet site and in the catalogue.

Updating of any of the individual test methods is independent of any other part.

The committee has decided that the contents of this publication will remain unchanged until 2007. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

The contents of the corrigendum of August 2003 have been included in this copy.

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