

Irish Standard I.S. EN 62047-11:2013

Semiconductor devices - Microelectromechanical devices -- Part 11: Test method for coefficients of linear thermal expansion of free-standing materials for micro-electromechanical systems (IEC 62047-11:2013 (EQV))

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This document replaces:		This document . EN 62047-11:201		<i>Publish</i> 27 Sep	ned: tember, 2013
This document was published under the authority of the NSAI and comes into effect on:  2 October, 2013			ICS number: 31.080.99		
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**EUROPEAN STANDARD** 

EN 62047-11

NORME EUROPÉENNE EUROPÄISCHE NORM

September 2013

ICS 31.080.99

English version

# Semiconductor devices Micro-electromechanical devices Part 11: Test method for coefficients of linear thermal expansion of free-standing materials for micro-electromechanical systems (IEC 62047-11:2013)

Dispositifs à semiconducteurs -Dispositifs microélectromécaniques -Partie 11: Méthode d'essai pour les coefficients de dilatation thermique linéaire des matériaux autonomes pour systèmes microélectromécaniques (CEI 62047-11:2013) Halbleiterbauelemente -Bauelemente der Mikrosystemtechnik -Teil 11: Prüfverfahren für lineare thermische Ausdehnungskoeffizienten für freistehende Werkstoffe der Mikrosystemtechnik (IEC 62047-11:2013)

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CEN-CENELEC Management Centre: Avenue Marnix 17, B - 1000 Brussels

EN 62047-11:2013

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### **Foreword**

The text of document 47F/154/FDIS, future edition 1 of IEC 62047-11, prepared by IEC/TC 47F "Microelectromechanical systems" of IEC/TC 47 "Semiconductor devices" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62047-11:2013.

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)	2014-05-21
•	latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2016-08-21

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# **Annex ZA** (normative)

# Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 62047-3	-	Semiconductor devices - Micro- electromechanical devices - Part 3: Thin film standard test piece for tensile-testing	EN 62047-3	-

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

# SEMICONDUCTOR DEVICES – MICRO-ELECTROMECHANICAL DEVICES –

# Part 11: Test method for coefficients of linear thermal expansion of free-standing materials for micro-electromechanical systems

#### **FOREWORD**

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International Standard IEC 62047-11 has been prepared by subcommittee 47F: Micro-electromechanical systems, of IEC technical committee 47: Semiconductor devices.

The text of this standard is based on the following documents:

FDIS	Report on voting
47F/154/FDIS	47F/161/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 2.

A list of all parts in the IEC 62047 series, published under the general title *Semiconductor devices – Micro-electromechanical devices*, can be found on the IEC website.

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