



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 62132-4:2006

ICS 31.200

**INTEGRATED CIRCUITS - MEASUREMENT  
OF ELECTROMAGNETIC IMMUNITY 150  
KHZ TO 1 GHZ -- PART 4: DIRECT RF  
POWER INJECTION METHOD**

National Standards  
Authority of Ireland  
Glasnevin, Dublin 9  
Ireland

Tel: +353 1 807 3800  
Fax: +353 1 807 3838  
<http://www.n Sai.ie>

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 62132-4**

May 2006

ICS 31.200

English version

**Integrated circuits -  
Measurement of electromagnetic immunity 150 kHz to 1 GHz  
Part 4: Direct RF power injection method  
(IEC 62132-4:2006)**

Circuits intégrés -  
Mesure de l'immunité électromagnétique  
150 kHz à 1 GHz  
Partie 4: Méthode d'injection directe  
de puissance RF  
(CEI 62132-4:2006)

Integrierte Schaltungen -  
Messung der elektromagnetischen  
Störfestigkeit im Frequenzbereich  
von 150 kHz bis 1 GHz  
Teil 4: Verfahren direkter Einspeisung  
der HF-Leistung  
(IEC 62132-4:2006)

This European Standard was approved by CENELEC on 2006-02-01. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

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 Central Secretariat has the same status as the official versions.

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**CENELEC**

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

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

## Foreword

The text of document 47A/733/FDIS, future edition 1 of IEC 62132-4, prepared by SC 47A, Integrated circuits, of IEC TC 47, Semiconductor devices, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62132-4 on 2006-02-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2006-12-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2009-02-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 62132-4:2006 was approved by CENELEC as a European Standard without any modification.

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 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>	<u>EN/HD</u>	<u>Year</u>
IEC 61000-4-6	- <sup>1)</sup>	Electromagnetic compatibility (EMC) Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	-	-
IEC 61967-4	- <sup>1)</sup>	Integrated circuits - Measurement of electromagnetic emissions, 150 kHz to 1 GHz Part 4: Measurement of conducted emissions - 1 ohm/150 ohm direct coupling method	EN 61967-4	2002 <sup>2)</sup>
IEC 62132-1	2006	Integrated circuits - Measurement of electromagnetic immunity, 150 kHz to 1 GHz Part 1: General conditions and definitions	EN 62132-1	2006
CISPR 16-1-2	2003	Specification for radio disturbance and immunity measuring apparatus and methods Part 1-2: Radio disturbance and immunity measuring apparatus - Ancillary equipment - Conducted disturbances	EN 55016-1-2	2004

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.



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