

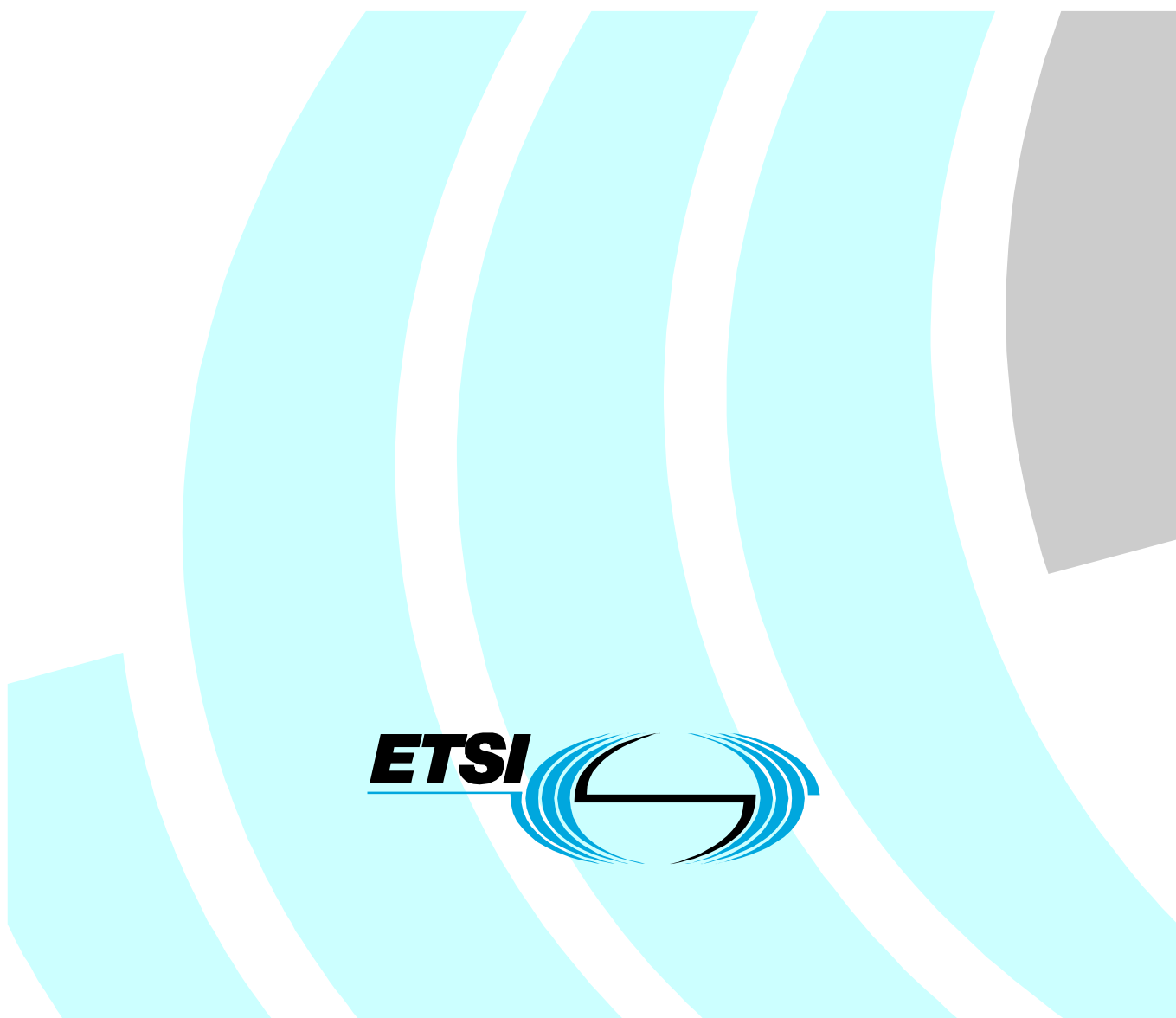
Final draft **ETSI EN 302 190** V1.1.1 (2005-02)

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*European Standard (Telecommunications series)*

**Near Field Communication;  
Interface and Protocol (NFCIP-1)**

[ISO/IEC 18092 (2004) modified]



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**Reference**

DEN/ECMA-00299

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**Keywords**

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## Foreword

This European Standard (Telecommunications series) has been produced by ECMA on behalf of its members and those of the European Telecommunications Standards Institute (ETSI), and is now submitted for the ETSI standards One-step Approval Procedure.

It specifies the interface and protocol for simple wireless communication between close coupled devices, and it refers the NFCIP-1 test method standards. These Near Field Communication (NFC) devices communicate with transfer rates of 106 kbps, 212 kbps and 424 kbps.

The present document allows, but does not specify, applications in network products and consumer equipment.

The present document endorses International Standard ISO/IEC 18092.

<b>Proposed national transposition dates</b>	
Date of latest announcement of this EN (doa):	3 months after ETSI publication
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	6 months after doa
Date of withdrawal of any conflicting National Standard (dow):	6 months after doa

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## Endorsement notice

The text of International Standard ISO/IEC 18092 (2004) was approved by ETSI as an EN with agreed modifications as given below.

NOTE: New or modified text is indicated using sidebars. In addition, underlining and/or strike-out are used to highlight detailed modifications where necessary.

## Clause 2

Replace the paragraph by:

In addition to passing all normative tests and meeting all requirements specified in ISO/IEC 22536 and ISO/IEC 23917, conforming implementations implement both the Active and the Passive communication modes and meet all other requirements specified in ISO/IEC 18092.

## Clause 3

Replace the first paragraph by:

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication and/or edition number or version number) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

Referenced documents which are not found to be publicly available in the expected location might be found at <http://docbox.etsi.org/Reference>.

Insert the following normative references at the end of clause 3:

- [2] ETSI TS 102 346: "NFCIP-1; RF interface test methods".
- [3] ETSI TS 102 394: "NFCIP-1 - Protocol Test Methods".

## Throughout the text of ISO/IEC 18092

Replace references as shown in the table below:

Reference in ISO/IEC 18092	Modified reference
ISO/IEC 22536	TS 102 346 [2]
ISO/IEC 23917	TS 102 394 [3]

## Throughout the text of ISO/IEC 18092

Replace the terms "this International Standard" by "the present document".

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## History

<b>Document history</b>			
V1.1.1	February 2005	One-step Approval Procedure	OAP 20050617: 2005-02-16 to 2005-06-17