

Specification for

Harmonized system of quality assessment for electronic components — Family specification —

C. Mos Digital Integrated Circuits —
Series 4000B and 4000UB

Amendments issued since publication

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5197	August 1986	
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National foreword

This British Standard has been prepared under the direction of the Electronic Components Standards Committee. It is identical with CENELEC Electronic Components Committee (CECC) 90104 *Family specification: C.MOS Digital integrated circuits Series 4000 B and 4000 UB*.

This standard is a harmonized specification within the CECC system.

Terminology and conventions. The text of the CECC specification has been accepted as suitable for publication, without deviation, as a British Standard. Certain terminology and conventions are used, however, that are not identical with those used in British Standards. Attention is particularly drawn to the following.

The comma has been used throughout as a decimal maker. In British Standards it is current practice to use a full point on the baseline as the decimal marker.

Cross references. The British Standard harmonized with CECC 00100 is BS E9000 “*General requirements for electronic components of assessed quality harmonized with the CENELEC Electronic Components Committee System*” Part 1 “*Basic rules*”.

The following International Standards are referred to in the text and for each there is a corresponding British Standard; these are listed below.

International Standard	Corresponding British Standard
CECC 90000:1976	BS CECC 90000:1977 <i>Harmonized system of quality assessment for electronic components: Generic specification: monolithic integrated circuits</i> (Identical)
CECC 90100:1976	BS CECC 90100:1977 <i>Harmonized system of quality assessment for electronic components: Sectional specification: Digital monolithic integrated circuits</i> (Identical)
IEC 191-2:1966	BS 3934:1965 <i>Dimensions of semiconductor devices</i> (Related)

Scope. This Standard lists the general information for ratings, characteristics and inspection requirements for a series of integrated circuits which shall be included as mandatory requirements in detail specifications in accordance with BS CECC 90000.

Detail specification layout. In the event of conflict between the requirements of this specification and the provisions of Section 3 of BS 9000-2 the latter shall take precedence except the front page layout will be in accordance with BS 9000 Circular Letter No. 15.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the CECC title page, pages ii to iv, pages 1 to 13 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

European Committee for Electrotechnical Standardization (CENELEC)
Cenelec Electronic Components Committee

CECC

English version

Harmonized System of Quality Assessment for
Electronic Components

FAMILY SPECIFICATION:
**C. MOS DIGITAL
INTEGRATED CIRCUITS**
SERIES 4000 B AND 4000 UB

Système Harmonisé d'Assurance de la Qualité
des Composants Electroniques

SPECIFICATION DE FAMILLE:
**CIRCUITS INTEGRES
DIGITAUX C. MOS**
SÉRIES 4000 B ET 4000 UB

Harmonisiertes Gütebestätigungssystem für
Bauelemente der Elektronik

FAMILIEN-SPEZIFIKATION:
**C. MOS DIGITALE
INTEGRIERTE SCHALTUNGEN**
SERIEN 4000 B UND 4000 UB



1 Edition
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Foreword

The CENELEC Electronic Components Committee (CECC) is composed of those member countries of the European Committee for Electrotechnical Standardization (CENELEC) who wish to take part in a harmonized System for electronic components of assessed quality.

The object of the System is to facilitate international trade by the harmonization of specifications and quality assessment procedures for electronic components, and by the grant of an internationally recognized Mark or Certificate, of Conformity. The components produced under the System are thereby accepted by all member countries without further testing.

This document has been formally approved by the CECC and has been prepared for those countries taking part in the System who wish to prepare and issue detail specifications for DIGITAL INTEGRATED CIRCUITS. It should be read in conjunction with document CECC 00100: Basic Rules (1974).

At the date of printing of this document the member countries of the CECC are Belgium, Denmark, France, Germany, Ireland, Italy, the Netherlands, Norway, Sweden, Switzerland, the United Kingdom, and copies of it can be obtained from the addressees shown on the inside cover.

Preface

This family specification was prepared by CECC Working Group 9: Integrated Circuits. It contains the general information for the C.MOS series 4000 B and 4000 UB.

Together with the device type detail specification, usually prepared nationally, it forms the complete detail specification for the device belonging to series 4000 B or 4000 UB.

The text of this specification was circulated to the CECC for voting in the documents listed below and was ratified by the CECC for printing as a CECC specification.

Document	Voting Date	Report on the Voting
CECC(Secretariat)833	November 1979	CECC(Secretariat)914