

Specification for
Harmonized system of quality assessment
for electronic components

Family specification

Digital integrated TTL low power SCHOTTKY circuits
Series 54LS, 64LS, 74LS, 84LS

Système harmonisé d'assurance de la qualité des composants électroniques
Spécification de famille

Circuits intégrés digitaux TTL low power SCHOTTKY
Séries 54LS, 64LS, 74LS, 84LS

Harmonisiertes Gütebestätigungssystem für Bauelemente der Elektronik
Familien-Spezifikation

Digitale integrierte TTL low power SCHOTTKY-Schaltungen
Serien 54LS, 64LS, 74LS, 84 LS

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) 90103 'Family specification : Digital integrated TTL low power SCHOTTKY circuits, Series 54LS, 64LS, 74LS, 84LS'.

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 marker. 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 Harmonized system of quality assessment for electronic components : Generic specification : Monolithic integrated circuits (Identical)

CECC 90100 : 1976

BS CECC 90100 : 1977 Harmonized system of quality assessment for electronic components : Sectional specification : Digital monolithic integrated circuits (Identical)

IEC 191-2 (1966)

BS 3934 : 1965 Dimensions of semiconductor devices (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.

AMD 3642

AMENDMENT SLIP No 1 published and effective from 31 March 1981 to BS CECC 90103: 1980

Specification for harmonized system of quality assessment for electronic components. Family specification. Digital integrated TTL low power SCHOTTKY circuits Series 54S, 64S, 74S, 84S

Instructions for the insertion of new pages to BS CECC 90103

Insert new appendix 1 (13 pages) following page 10.

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CECC 90000 : 1976

BS CECC 90000 : 1977 Harmonized system of quality assessment for electronic components : Generic specification : Monolithic integrated circuits (Identical)

CECC 90100 : 1976

BS CECC 90100 : 1977 Harmonized system of quality assessment for electronic components : Sectional specification : Digital monolithic integrated circuits (Identical)

IEC 191-2 (1966)

BS 3934 : 1965 Dimensions of semiconductor devices (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.

APPENDIX 1 to CECC 90 103

This example of a detail specification is an appendix to the TTL-LS family specification CECC 90 103 and was prepared by CECC Working Group 9 : Integrated Circuits. It is provided a a guide for the preparation of detail specifications.

The text of this specification was circulated to the CECC for voting in the documents listed below and was approved by the CECC Management Committee for publication as a CECC Specification:

<u>Document</u>	<u>Voting Date</u>	<u>Report on the Voting</u>
CECC(Secretariat)485	February 1976	CECC(Secretariat)587
CECC(Secretariat)836	August 1979	CECC(Secretariat)881