

IEC 60747-1
(Second edition 2006)

Semiconductor devices –
Part 1: General

CORRIGENDUM 1

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Deletion of Annex B and replacement with the following new Annex B:

Annex B
(informative)

Clause cross-references from first edition of IEC 60747-1 (1983)

New clause (or publication)	Old clause	Old heading (in first edition 1983)
A		Chapter I Scope and presentation of IEC publications 747 and 748
A.1	1	Publications 747
A.1	1.1	Scope
A.1	1.2	Presentation
A.2	2	Publications 748
A.2	2.1	Scope
A.2	2.2	Presentation
1		Chapter II Purpose and presentation of publication 747-1
1	1	Purpose
A.3	2	Presentation
A.3		Chapter III Purpose, presentation and requirements on the contents of publications 747-2, 747-3, etc.
A.1	1	Purpose of each part
A.3	2	Presentation of each part
A.3.1	2.1	Subdivision into chapters
A.3.2	2.2	Subdivision into device sub-categories
A.3.3	3	Requirements on the different chapters of each part
A.3.3.1	3.1	Requirements on Chapter I, General
A.3.3.1	3.1.1	Purpose
A.3.3.3 & A.3.3.4	3.2	Requirements on Chapter II, Terminology and letter symbols
A.3.3.3 & A.3.3.4	3.2.1	Purpose
A.3.3.3 & A.3.3.4	3.2.2	Validity of terms, definitions and letter symbols
A.3.3.4	3.2.3	Letter symbols
A.3.3.5	3.3	Requirements on Chapter III, Essential ratings and characteristics
A.3.3.5 - A.3.3.7	3.3.1	Purpose
A.3.3.8	3.4	Requirements on Chapter IV, Measuring methods
A.3.3.8	3.4.1	Purpose
A.3.3.9	3.5	Requirements on Chapter V, Acceptance and reliability
A.3.3.9	3.5.1	Purpose
IEC 60050-521		Chapter IV Terminology, general
3	1	Introduction
IEC 60050-521	2	Physical terms
IEC 60050-521	3	General terms

New clause (or publication)	Old clause	Old heading (in first edition 1983)
3.1 IEC 60748-20 3.1 IEC 60050-702 3.2 Omitted Omitted IEC 60050-521 IEC 60050-521 3.2 3.3 3.4 & IEC 60050-702 3.5 & 3.6 IEC 60050-131 IEC 60469-1 IEC 60050-521	3.1 3.2 3.3-3.6 3.7 3.8 3.9 4 5 5.1 5.2 5.3 5.4 5.5 5.6 6 7	Terms related to structure Terms related to process Anode & Cathode terminals Concepts referring to elements & circuits Concepts referring to active & passive elements, components or devices Concepts relating to components Types of devices Terms relating to ratings and characteristics Currents and voltages Temperatures Thermal characteristics Noise Various terms Terms characterising the constant value or periodic waveforms of currents and voltages Pulse terms and definitions Input-to-output pulse switching times, general terms
4 4.1 4.2 4.2.2 4.2.3 - 4.2.7 Omitted 4.2.1 4.2.8 4.4 4.4 4.4.1- 4.4.3 4.4.4 & 4.4.5 4.4.2 4.5 Omitted 4.5.1 & 4.5.2 4.5.3 & 4.5.4 4.5.1 4.5.5 4.3 4.3 4.3	 1 2 2.1 2.2 2.3 2.4 2.5 3 3.1 3.2 3.3 3.4 4 4.1 4.2 4.3 4.4 4.5 5 5.1 5.2	Chapter V Letter symbols, general Introduction Letter symbols for currents, voltages and powers Basic letters Subscripts Summary chart for current, voltage and power letter symbols Example of the application of the rules to a periodic quantity Indication of the polarity of currents and voltages Letter symbols for electrical parameters Definition Basic letters Subscripts Distinction between real and imaginary parts Letter symbols for other quantities General Times, durations Thermal characteristics and related temperatures Frequencies Sundry quantities Letter symbols for logarithmic scale units for signal ratios expressed in dB Power ratio Voltage ratio (or current ratio)
5 5.1 5.3 4.6 4.6.1 4.6.3 4.6.2 5.2.1	 1 2 3 3.1 3.1.1 3.1.2 3.2	Chapter VI Essential ratings and characteristics, general Introduction Standard format for the presentation of published data Definitions Definition of maximum limit and minimum limit Algebraic convention Absolute magnitude convention Basic "rating" definitions