

INTERNATIONAL STANDARD

AMENDMENT 1

Semiconductor devices –
Part 16-2: Microwave integrated circuits – Frequency prescalers

IEC STANDARD PREVIEW
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FOREWORD

This amendment has been prepared by subcommittee 47E: Discrete semiconductor devices, of IEC technical committee 47: Semiconductor devices.

The text of this amendment is based on the following documents:

FDIS	Report on voting
47E/338/FDIS	47E/343/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

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FOREWORD

Replace, in the seventh paragraph, "IEC 60474-16-2" by "IEC 60747-16-2".

Page 4

2 Normative references

Replace the existing references IEC 60617-12, IEC 60617-13 and IEC 60747-1 as follows:

IEC 60617:2001, *Graphical symbols for diagrams*

IEC 60747-1:2006, *Semiconductor devices – Part 1: General*

Add the following new references:

IEC 61340-5-1:2007, *Electrostatics – Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements*

IEC/TR 61340-5-2:2007, *Electrostatics – Part 5-2: Protection of electronic devices from electrostatic phenomena – User guide*

3.3

Output power P_o

Replace the symbol " P_o " by " P_o ".

Page 7

4.3.1 Detailed block diagram – functional blocks

Replace, in the last paragraph, on page 8, "IEC 60617-12 or IEC 60617-13" by "IEC 60617".

Page 10

4.4.2 Temperatures

Replace "a) Operating temperature" by "a) Operating temperature (ambient or reference-point temperature)".

Page 11

4.6 Electrical characteristics

Delete, in the second paragraph, "of 4.6.1 and 4.6.2".

Replace Table column heading "Type*" by "Typ.*".

Replace NOTE 3 in the table by the following new NOTE 3.

NOTE 3 The values of 4.6.4, 4.6.5, 4.6.6 and 4.6.7 depend on input impedance.

Page 12

4.7 Mechanical and environmental ratings, characteristics and data

Replace "IEC 60747-1, Chapter VI, clause 7" by "Clauses 5.10 and 5.11 of IEC 60747-1".

4.8.8 Handling precautions

Replace "IEC 60747-1, Chapter IX" by "IEC 61340-5-1 and IEC 61340-5-2".

Page 13

5.1.1 General precautions

Replace "clause 1 of IEC 60747-1, Chapter VII" by "Clauses 6.3, 6.4 and 6.6 of IEC 60747-1".

5.1.3 Handling precautions

Replace "IEC 60747-1, Chapter IX, clause 1" by "IEC 61340-5-1 and IEC 61340-5-2".

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