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Printed board assemblies - Part 2: Sectional specification - Requirements for surface mount soldered assemblies

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

|   |  |
|---|--|
| See Eesti standard EVS-EN 61191-2:2017 sisaldab Euroopa standardi EN 61191-2:2017 ingliskeelset teksti.             | This Estonian standard EVS-EN 61191-2:2017 consists of the English text of the European standard EN 61191-2:2017.                  |
| Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.  | This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation. |
| Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 13.10.2017. | Date of Availability of the European standard is 13.10.2017.   |
| Standard on kättesaadav Eesti Standardikeskusest.   | The standard is available from the Estonian Centre for Standardisation.  |

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ICS 31.190, 31.240

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN 61191-2

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English Version

Printed board assemblies - Part 2: Sectional specification -  
Requirements for surface mount soldered assemblies  
(IEC 61191-2:2017)

Ensembles de cartes imprimées - Partie 2: Spécification  
intermédiaire - Exigences relatives à l'assemblage par  
brasage pour montage en surface  
(IEC 61191-2:2017)

Elektronikaufbauten auf Leiterplatten -  
Teil 2: Rahmenspezifikation - Anforderungen an gelötete  
Baugruppen in Oberflächenmontage  
(IEC 61191-2:2017)

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

## European foreword

The text of document 91/1386/CDV, future edition 3 of IEC 61191-2, prepared by IEC/TC 91 "Electronics assembly technology" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61191-2:2017.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2018-04-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-10-13

This document supersedes EN 61191-2:2013.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

## Endorsement notice

The text of the International Standard IEC 61191-2:2017 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

|                |      |                              |
|----------------|------|------------------------------|
| IEC 60068-2-20 | NOTE | Harmonized as EN 60068-2-20. |
| IEC 60068-2-58 | NOTE | Harmonized as EN 60068-2-58. |
| IEC 61188-5-1  | NOTE | Harmonized as EN 61188-5-1.  |
| IEC 61188-5-2  | NOTE | Harmonized as EN 61188-5-2.  |
| IEC 61188-5-3  | NOTE | Harmonized as EN 61188-5-3.  |
| IEC 61188-5-4  | NOTE | Harmonized as EN 61188-5-4.  |
| IEC 61188-5-5  | NOTE | Harmonized as EN 61188-5-5.  |
| IEC 61188-5-6  | NOTE | Harmonized as EN 61188-5-6.  |
| IEC 61188-7    | NOTE | Harmonized as EN 61188-7.    |
| IEC 61189-2    | NOTE | Harmonized as EN 61189-2.    |
| IEC 61190-1-2  | NOTE | Harmonized as EN 61190-1-2.  |
| IEC 61193-1    | NOTE | Harmonized as EN 61193-1.    |
| IEC 61193-3    | NOTE | Harmonized as EN 61193-3.    |
| IEC 62326-1    | NOTE | Harmonized as EN 62326-1.    |
| IEC 62326-4    | NOTE | Harmonized as EN 62326-4.    |
| IEC 62326-4-1  | NOTE | Harmonized as EN 62326-4-1.  |
| ISO 9001       | NOTE | Harmonized as EN ISO 9001.   |

## Annex ZA (normative)

### **Normative references to international publications with their corresponding European publications**

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

| <u>Publication</u> | <u>Year</u> | <u>Title</u>  | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|---|--------------|-------------|
| IEC 60194          | -           | Printed board design, manufacture and assembly - Terms and definitions  | EN 60194     | -           |
| IEC 61191-1        | -           | Printed board assemblies - Part 1: Generic specification - Requirements for soldered electrical and electronic assemblies using surface mount and related assembly technologies | EN 61191-1   | -           |
| IPC-A-610          | -           | Acceptability of Electronics Assemblies   | -            | -           |

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