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**Vmesniki univerzalnega serijskega vodila za prenos podatkov in napajanje - 3-1.  
del: Specifikacija univerzalnega serijskega vodila 3.1 (IEC 62680-3-1:2017)**

Universal Serial Bus interfaces for data and power - Part 3-1: Universal Serial Bus 3.1  
Specification (IEC 62680-3-1:2017)

Schnittstellen des Universellen Seriellen Busses für Daten und Energie - Teil 3-1:  
Festlegung Universeller Serieller Bus 3.1 (IEC 62680-3-1:2017)

Interfaces de bus universel en série pour les données et l'alimentation électrique - Partie  
3-1: Spécification du bus universel en série 3.1 (IEC 62680-3-1:2017)

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35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment
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**SIST EN 62680-3-1:2018****en,fr,de**

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EUROPEAN STANDARD

**EN 62680-3-1**

NORME EUROPÉENNE

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**Universal Serial Bus interfaces for data and power -  
Part 3-1: Universal Serial Bus 3.1 Specification  
(IEC 62680-3-1:2017)**

Interfaces de bus universel en série  
pour les données et l'alimentation électrique -  
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(IEC 62680-3-1:2017)

Schnittstellen des Universellen Seriellen Busses  
für Daten und Energie -  
Teil 3-1: Festlegung Universeller Serieller Bus 3.1  
(IEC 62680-3-1:2017)

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SIST EN 62680-3-1:2018

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**EN 62680-3-1:2017****European foreword**

The text of document 100/2589/CDV, future edition 1 of IEC 62680-3-1, prepared by Technical Area 14 "Interfaces and methods of measurement for personal computing equipment", of IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62680-3-1:2017.

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Part 3-1: Universal Serial Bus 3.1 Specification**

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## Part 3-1: Universal Serial Bus 3.1 Specification

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The text of this standard was prepared by the USB Implementers Forum (USB-IF). The structure and editorial rules used in this publication reflect the practice of the organization which submitted it.

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

CDV	Report on voting
100/2589/CDV	100/2684/RVC

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

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– 3 –

A list of all parts in the IEC 62680 series, published under the general title *Universal serial bus interfaces for data and power*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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## INTRODUCTION

The IEC 62680 series is based on a series of specifications that were originally developed by the USB Implementers Forum (USB-IF). These specifications were submitted to the IEC under the auspices of a special agreement between the IEC and the USB-IF.

The USB Implementers Forum, Inc. (USB-IF) is a non-profit corporation founded by the group of companies that developed the Universal Serial Bus specification. The USB-IF was formed to provide a support organization and forum for the advancement and adoption of Universal Serial Bus technology. The Forum facilitates the development of high-quality compatible USB peripherals (devices), and promotes the benefits of USB and the quality of products that have passed compliance testing.

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# Universal Serial Bus 3.1 Specification

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Revision 1.0  
July 26, 2013

**Revision History**

Revision	Comments	Issue Date
1.0	Initial release. USB 3.0	November 12, 2008
	Incorporated errata and ECNs	June 6, 2011
1.0	Initial release. USB 3.1	July 26, 2013

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**Acknowledgement of Technical Contribution****Dedication**

Dedicated to the memory of Brad Hosler, the impact of whose accomplishments made the Universal Serial Bus one of the most successful technology innovations of the Personal Computer era.

The authors of this specification would like to recognize the following people who participated in the USB 3.0 Bus Specification technical workgroups. We would also like to acknowledge the many others throughout the industry who provided feedback and contributed to the development of this specification.

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