

SLOVENSKI STANDARD

SIST EN IEC 62680-1-2:2020

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Nadomešča:

SIST EN IEC 62680-1-2:2019

Vmesniki univerzalnega serijskega vodila za prenos podatkov in napajanje - 1-2. del: Skupne komponente - Specifikacija za zagotavljanje napajanja prek USB (IEC 62680-1-2:2019)

Universal serial bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery specification (IEC 62680-1-2:2019)

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Ta slovenski standard je istoveten z: EN IEC 62680-1-2:2020

ICS:

35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment
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en,fr,de

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EUROPEAN STANDARD

EN IEC 62680-1-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN IEC 62680-1-2:2018 and all of its amendments and corrigenda (if any)

English Version

Universal serial bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery specification (IEC 62680-1-2:2019)

Interfaces de bus universel en série pour les données et l'alimentation électrique - Partie 1-2 : Composants communs - Spécification de l'alimentation électrique par port USB
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EN IEC 62680-1-2:2020 (E)**European foreword**

The text of document 100/3189/CDV, future edition 4 of IEC 62680-1-2, prepared by IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62680-1-2:2020.

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- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2020-10-16
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IEC 62680-1-2

Edition 4.0 2019-12

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NORME INTERNATIONALE



Universal serial bus interfaces for data and power
Part 1-2: Common components – USB Power Delivery specification

Interfaces de bus universel en série pour les données et l'alimentation électrique
Partie 1-2: Composants communs – Spécification de l'alimentation électrique
par port USB

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UNIVERSAL SERIAL BUS INTERFACES FOR DATA AND POWER

Part 1-2: Common components – USB Power Delivery 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 International Standard is based on the following documents:

CDV	Report on voting
100/3189/CDV	100/3251/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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This standard is the USB-IF publication Universal Serial Bus Power Delivery Specification Revision 3.0, Version 1.2.

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**Universal Serial Bus
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Revision: 3.0
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Fernando Gonzalez	Microchip Technology Inc.	Andrew Yoo	ON Semiconductor
John Sisto	Microchip Technology Inc.	Brady Maasen	ON Semiconductor
Josh Averyt	Microchip Technology Inc.	Bryan McCoy	ON Semiconductor
Kiet Tran	Microchip Technology Inc.	Christian Klein	ON Semiconductor
Mark Bohm	Microchip Technology Inc.	Cor Voorwinden	ON Semiconductor
Matthew Kalibat	Microchip Technology Inc.	Edward Berrios	ON Semiconductor
Mick Davis	Microchip Technology Inc.	Michael Smith	ON Semiconductor
Prasanna Vengateshan	Microchip Technology Inc.	Oscar Freitas	ON Semiconductor
Rich Wahler	Microchip Technology Inc.	Tom Duffy	ON Semiconductor
Richard Petrie	Microchip Technology Inc.	Craig Wiley	Parade Technologies Inc.
Ronald Kunin	Microchip Technology Inc.	Aditya Kulkarni	Power Integrations
Shannon Cash	Microchip Technology Inc.	Amruta Patra	Power Integrations
		Rahul Joshi	Power Integrations
		Ricardo Pregiteer	Power Integrations
		Shruti Anand	Power Integrations
		Amit gupta	Qualcomm, Inc

George Paparrizos	Qualcomm, Inc	Steven Ghang	Silicon Laboratories, Inc.
Giovanni Garcea	Qualcomm, Inc	Abhishek Sardeshpande	SiliConch Systems Private Limited
Jack Pham	Qualcomm, Inc	Aniket Mathad	SiliConch Systems Private Limited
James Goel	Qualcomm, Inc	Chandana N	SiliConch Systems Private Limited
Joshua Warner	Qualcomm, Inc	Jaswanth Ammineni	SiliConch Systems Private Limited
Karyn Vuong	Qualcomm, Inc	Jinisha Patel	SiliConch Systems Private Limited
Vamsi Samavedam	Qualcomm, Inc	Kaustubh Kumar	SiliConch Systems Private Limited
Vatsal Patel	Qualcomm, Inc	Nitish Nitish	SiliConch Systems Private Limited
Chris Sporck	Qualcomm, Inc.	Pavitra Balasubramanian	SiliConch Systems Private Limited
Craig Aiken	Qualcomm, Inc.	Rakesh Polasa	SiliConch Systems Private Limited
Narendra Mehta	Qualcomm, Inc.	Shubham Paliwal	SiliConch Systems Private Limited
Terry Remple	Qualcomm, Inc.	Vishnu Pusuluri	SiliConch Systems Private Limited
Will Kun	Qualcomm, Inc.	John Sisto	SMSC
Yoram Rimoni	Qualcomm, Inc.	Ken Gay	SMSC
Tsung-Peng Chuang	Realtek Semiconductor Corp.	Mark Bohm	SMSC
Atsushi Mitamura	Renesas Electronics Corp.	Richard Wahler	SMSC
Bob Dunstan	Renesas Electronics Corp.	Shannon Cash	SMSC
Brian Allen	Renesas Electronics Corp.	Tim Knowlton	SMSC
Dan Aoki	Renesas Electronics Corp.	William Chiechi	SMSC
Hajime Nozaki	Renesas Electronics Corp.	Shigenori Tagami	Sony Corporation
John Carpenter	Renesas Electronics Corp.	Shinichi Hirata	Sony Corporation
Kiichi Muto	Renesas Electronics Corp.	Amanda Hosler	Specwerkz
Masami Katagiri	Renesas Electronics Corp.	Bob Dunstan	Specwerkz
Nobuo Furuya	Renesas Electronics Corp.	Diane Lenox	Specwerkz
Patrick Yu	Renesas Electronics Corp.	Michael Munn	StarTech.com Ltd.
Peter Teng	Renesas Electronics Corp.	Fabien Friess	ST-Ericsson
Philip Leung	Renesas Electronics Corp.	Giuseppe Platania	ST-Ericsson
Steve Roux	Renesas Electronics Corp.	Jean-Francois Gatto	ST-Ericsson
Tetsu Sato	Renesas Electronics Corp.	Milan Stamenkovic	ST-Ericsson
Toshifumi Yamaoka	Renesas Electronics Corp.	Nicolas Florenchie	ST-Ericsson
Chunan Kuo	Richtek Technology Corporation	Patrizia Milazzo	ST-Ericsson
Heinz Wei	Richtek Technology Corporation	Christophe Cochard	STMicroelectronics
TZUHSIEN CHUANG	Richtek Technology Corporation	Christophe Lorin	STMicroelectronics
Tatsuya Irisawa	Ricoh Company Ltd.	Jessy Guilbot	STMicroelectronics
Akihiro Ono	Rohm Co. Ltd.	Joel Huloux	STMicroelectronics
Chris Lin	Rohm Co. Ltd.	John Bloomfield	STMicroelectronics
Hidenori Nishimoto	Rohm Co. Ltd.	Massimo Panzica	STMicroelectronics
Kris Bahar	Rohm Co. Ltd.	Meriem Mersel	STMicroelectronics
Manabu Miyata	Rohm Co. Ltd.	Nathalie Ballot	STMicroelectronics
Ruben Balbuena	Rohm Co. Ltd.	Pascal Legrand	STMicroelectronics
Takashi Sato	Rohm Co. Ltd.	Patrizia Milazzo	STMicroelectronics
Vijendra Kuroodi	Rohm Co. Ltd.	Richard O'Connor	STMicroelectronics
Yusuke Kondo	Rohm Co. Ltd.	Morten Christiansen	Synopsys, Inc.
Kazuomi Nagai	ROHM Co., Ltd.	Nivin George	Synopsys, Inc.
Matti Kulmala	Salcomp Plc	Zongyao Wen	Synopsys, Inc.
Toni Lehimo	Salcomp Plc	Joan Marrinan	Tektronix
Tong Kim	Samsung Electronics Co. Ltd.	Kimberley McKay	Teledyne-LeCroy
Alvin Cox	Seagate Technology LLC	Matthew Dunn	Teledyne-LeCroy
Emmanuel Lemay	Seagate Technology LLC	Tony Minchell	Teledyne-LeCroy
John Hein	Seagate Technology LLC	Anand Dabak	Texas Instruments
Marc Noblitt	Seagate Technology LLC	Bill Waters	Texas Instruments
Michael Morgan	Seagate Technology LLC	Bing Lu	Texas Instruments
Ronald Rueckert	Seagate Technology LLC	Deric Waters	Texas Instruments
Tony Priborsky	Seagate Technology LLC	Grant Ley	Texas Instruments
Chin Chang	Semtech Corporation	Gregory Watkins	Texas Instruments
Tom Farkas	Semtech Corporation	Ingolf Frank	Texas Instruments
Ning Dai	Silergy Corp.	Ivo Huber	Texas Instruments
Wanfeng Zhang	Silergy Corp.	Javed Ahmad	Texas Instruments
Kafai Leung	Silicon Laboratories, Inc.		
Kok Hong Soh	Silicon Laboratories, Inc.		
Sorin Badiu	Silicon Laboratories, Inc.		