

1. Record Nr.	UNINA9910788167403321
Autore	Axelson Jan
Titolo	USB complete : the developer's guide / / Jan Axelson
Pubbl/distr/stampa	Madison, Wisconsin : , : Lakeview Research, , 2015 ©2015
ISBN	1-931448-28-0 1-931448-29-9
Edizione	[Fifth edition.]
Descrizione fisica	1 online resource (444 pages) : illustrations, tables
Disciplina	004.64
Soggetti	USB (Computer bus) Parallel programming (Computer science) - Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	USB basics -- Inside USB transfers -- A transfer type for every purpose -- Enumeration : how the host learns about devices -- Control transfers : structured requests for critical data -- Chip choices -- Device classes -- How the host communicates -- Matching a driver to a device -- Detecting devices -- Human interface devices : capabilities -- Human interface devices : reports -- Human interface devices : host application -- Using WinUSB for vendor-defined functions -- Using WinUSB's system INF file -- Using hubs to extend and expand the bus -- Managing power -- Testing and debugging -- Packets on the bus -- Electrical and mechanical interface -- Hosts for embedded systems.