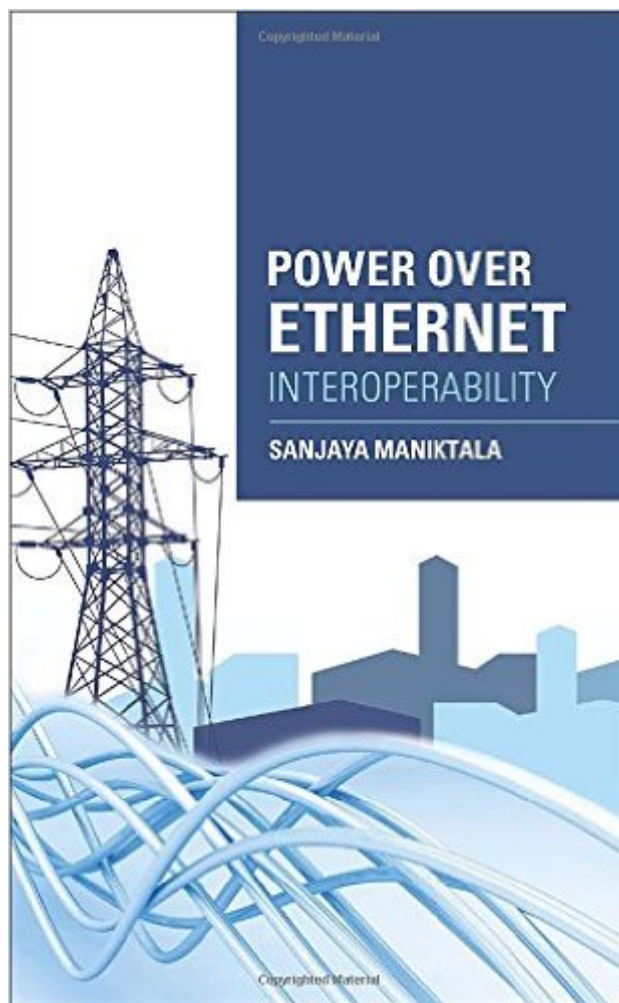


The book was found

Power Over Ethernet Interoperability Guide



Synopsis

A Complete Guide to Transmitting Electrical Power and Data over Ethernet Cables Power over Ethernet Interoperability explains how to safely transmit DC power over an existing data network cabling structure so that separate AC electrical wiring is not needed to power up devices connected to the network. With a focus on cost-effective unshielded twisted pair (UTP) cables, this book provides proven methods for designing reliable Power over Ethernet (PoE) equipment and ensuring that it functions effectively. Details on the IEEE 802.3af/at standards and how various devices can operate from PoE are also contained in this practical resource. Coverage includes: The evolution of PoE Overview of PoE implementations Detection Classification Inrush and power-up Operation Maintain power and disconnect PoE state-machine diagrams Magnetics Isolation, PCB design, and safety Surge testing and protection Lab skills, thermal management, and decoupling N-pair power delivery systems Auxiliary power and flyback design

Book Information

Hardcover: 480 pages

Publisher: McGraw-Hill Education; 1 edition (February 27, 2013)

Language: English

ISBN-10: 0071798250

ISBN-13: 978-0071798259

Product Dimensions: 6.3 x 1.3 x 9.2 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (2 customer reviews)

Best Sellers Rank: #1,151,761 in Books (See Top 100 in Books) #66 inÂ Books > Computers &

Technology > Networking & Cloud Computing > Data in the Enterprise > Electronic Data

Interchange (EDI) #172 inÂ Books > Engineering & Transportation > Engineering > Energy

Production & Extraction > Nuclear #290 inÂ Books > Computers & Technology > Networking &

Cloud Computing > Networks, Protocols & APIs > LAN

Customer Reviews

PoE Interoperability Guide is a gentle, thorough and comprehensive book on PoE.I am not aware of any books like this one, meaning: are there any other books as complete as this one that describe PoE from the early beginnings of Ethernet to present times? There are none to my knowledge, with this level of didactic expertise, profusely illustrated with pictures and tables that are quite hard to obtain anywhere else under the same cover.The book's overview of POE is very descriptive and is

an easy and pleasant reading, virtually for any reader interested in the subject. Specifications written on the subject are quite hard to read and understand. Sanjaya writes very smoothly keeping the explanations concise and to the point. Figure 1.3 on Ethernet Nomenclature is very nicely laid out, the chart in itself has a tremendous amount of content. The book blends and describes the purpose, the history and the functionality of Ethernet and PoE. Chapter 2 is a very nice and very descriptive of various PoE implementations. The fact that it does not get into the advanced calculus of electromagnetism and electrical engineering makes the book very attractive to a very wide audience. Hardware engineers, software engineers, management types and the curious teammate on PoE can definitely benefit from the information the book presents. I also believe that the book may also be informative as well as useful to patent attorneys with some background on Ethernet and basic electrical concepts. Chapter 3 on Detection is very rich in content as well as practical. For example refer to the section on "Some Practical Detection Techniques".

[Download to continue reading...](#)

Power Over Ethernet Interoperability Guide Ethernet Networking for the Small Office and Professional Home Office Practical TCP/IP and Ethernet Networking for Industry (Practical Professional Books) Power Training: For Combat, MMA, Boxing, Wrestling, Martial Arts, and Self-Defense: How to Develop Knockout Punching Power, Kicking Power, Grappling Power, and Ground Fighting Power .NET and COM: The Complete Interoperability Guide COM and .NET Interoperability COM and .NET Interoperability (Expert's Voice) IIOP Complete: Understanding CORBA and Middleware Interoperability Linux and OpenVMS Interoperability: Tricks for Old Dogs, New Dogs and Hot Dogs with Open Systems (HP Technologies) Principles of Health Interoperability HL7 and SNOMED (Health Information Technology Standards) The Ultimate Book of Dad Jokes: 1,001+ Punny Jokes Your Pops Will Love Telling Over and Over and Over... Introvert: The Introvert's Ultimate Guide- Unleash your Power and Potentials to Succeed! (introvert, introvert's guide, introvert success, introvert power, introvert's ultimate guide) Russian, German & Polish Food & Cooking: With Over 185 Traditional Recipes From The Baltic To The Black Sea, Shown Step By Step In Over 750 Clear And Tempting Photographs The Instinctive Weight Loss System - New, Groundbreaking Weight Loss Product- 7 CD's, Over 7 hours of Hypnosis for Weight Loss and Mind Reconditioning Sold in Over 40 Countries Worldwide Carrier Grade Voice Over IP (McGraw-Hill Networking Professional Carrier Grade Voice Over IP Second Edition) Baroque And Folk Tunes For Recorder: An Unusual Collection of Music Arranged for the Recorder, containing over Fifty Pieces from Over 300 Years of Music USN/USMC Over Korea: U.S. Navy/Marine Corps Air Operations Over Korea 1950-53 - Aircraft Specials series (6048) Getting Over A Breakup: 75 Easy Steps To

Get Over A Breakup Learn to Write DAX: A practical guide to learning Power Pivot for Excel and Power BI Wind Power Guide - how to use wind energy to generate power (OneToRemember Energy Guides Book 1)

[Dmca](#)