



The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design

By Mr Keng Tiong Ng

[Download now](#)

[Read Online](#) 

The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design By Mr Keng Tiong Ng

PCB reverse-engineering is a skill that requires more than just an acquaintance with electronics. We're not talking about recreating the PCB artwork here, but the schematic diagram itself. To the uninitiated, it is a difficult if not impossible undertaking reserved only for the determined and qualified. The author, however, believes that having a right mindset and being equipped with the right knowledge will enable even an average electronics engineer to do it.

This book will not teach you to use electronic automation design (EDA) tools to produce or reproduce PCBs nor give you a formal study on PCB structural design and fabrication. It does, however, impart knowledge on PCBs that relate to reverse-engineering and teaches you how to create PCB layouts and schematic diagrams using Microsoft Visio in a technical capacity.

This standard edition illustration-rich book covers things which you'll need to take note before you begin, the necessary basic preparation work to perform, creating layout shapes prior to drafting the PCB artwork, knowing what is a good schematic diagram and the right strategies to use for the type of PCBs (analog, digital, mixed-signals). You will also learn advanced topics such as layering, shape data and shapesheet, generating reports for bill of materials, and even deciphering programmable logic devices!

For more information, visit: visio-for-engineers.blogspot.sg

 [Download The Art of PCB Reverse Engineering \(Standard Edition\).pdf](#)

 [Read Online The Art of PCB Reverse Engineering \(Standard Edition\).pdf](#)

The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design

By Mr Keng Tiong Ng

The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design By Mr Keng Tiong Ng

PCB reverse-engineering is a skill that requires more than just an acquaintance with electronics. We're not talking about recreating the PCB artwork here, but the schematic diagram itself. To the uninitiated, it is a difficult if not impossible undertaking reserved only for the determined and qualified. The author, however, believes that having a right mindset and being equipped with the right knowledge will enable even an average electronics engineer to do it.

This book will not teach you to use electronic automation design (EDA) tools to produce or reproduce PCBs nor give you a formal study on PCB structural design and fabrication. It does, however, impart knowledge on PCBs that relate to reverse-engineering and teaches you how to create PCB layouts and schematic diagrams using Microsoft Visio in a technical capacity.

This standard edition illustration-rich book covers things which you'll need to take note before you begin, the necessary basic preparation work to perform, creating layout shapes prior to drafting the PCB artwork, knowing what is a good schematic diagram and the right strategies to use for the type of PCBs (analog, digital, mixed-signals). You will also learn advanced topics such as layering, shape data and shapesheet, generating reports for bill of materials, and even deciphering programmable logic devices!

For more information, visit: visio-for-engineers.blogspot.sg

The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design By Mr Keng Tiong Ng **Bibliography**

- Sales Rank: #2239454 in Books
- Published on: 2015-11-14
- Original language: English
- Number of items: 1
- Dimensions: 10.00" h x .84" w x 8.00" l, 1.62 pounds
- Binding: Paperback
- 372 pages



[Download The Art of PCB Reverse Engineering \(Standard Edition\).pdf](#)



[Read Online The Art of PCB Reverse Engineering \(Standard Edition\).pdf](#)

Download and Read Free Online The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design By Mr Keng Tiong Ng

Editorial Review

About the Author

NG KENG TIONG is a Principal Engineer at Singapore Technologies (ST) Electronics Limited, a subsidiary of ST Engineering. Upon graduation from the Singapore Polytechnics, he signed up with the Republic of Singapore Air Force (RSAF) as an aircraft technician and worked in the E-2C Hawkeye repair bay, servicing the aircraft's avionics using automated test systems (CAT-IIID and RADCOM) and other in-house test equipment. . Upon invitation, he left the RSAF after his first contract and joined his present company, doing test program development and PCB diagnostics using Schlumberger S700 series testers. Since then, he has worked on other test platforms such as the Teradyne Spectrum(tm) 8800 series, the Westest-DATS/2000 test station, and some special-to-type-equipment (STTE) of similar nature. . He also has experience in logic simulation using HHB Systems CADAT(tm) software and the CATS- 10000(tm) hardware modeler, as well as Teradyne's LASAR(tm) simulator. . He has worked with engineers from companies such as Elbit and Thales, and recently completed two test benches for testing the transmitter and servo amplifier control of a naval sonar system. . In the course of his work, he encountered many printed circuit boards and electronic modules without schematic diagrams or documentation. That started him on the journey of doing PCB reverse engineering, in part or total, to perform the necessary troubleshooting for repair. Over time, he has refined the skill into an art for which this book is all about.

Users Review

From reader reviews:

Anne Larsen:

The book The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design gives you the sense of being enjoy for your spare time. You may use to make your capable more increase. Book can to be your best friend when you getting strain or having big problem together with your subject. If you can make examining a book The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design to get your habit, you can get more advantages, like add your personal capable, increase your knowledge about a number of or all subjects. It is possible to know everything if you like wide open and read a publication The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design. Kinds of book are a lot of. It means that, science e-book or encyclopedia or others. So , how do you think about this reserve?

Mark Malek:

The reason why? Because this The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design is an unordinary book that the inside of the reserve waiting for you to snap it but latter it will zap you with the secret the idea inside. Reading this book beside it was fantastic author who have write the book in such awesome way makes the content interior easier to understand, entertaining technique but still convey the meaning thoroughly. So , it is good for you because of not hesitating having this ever again or you going to regret it. This phenomenal book will give you a lot of positive aspects than the other book include such as help improving your talent and your critical thinking technique. So , still want to delay having that book? If I have been you I will go to the book store hurriedly.

Catherine Graziani:

Don't be worry when you are afraid that this book will probably filled the space in your house, you may have it in e-book technique, more simple and reachable. This particular The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design can give you a lot of close friends because by you considering this one book you have factor that they don't and make you actually more like an interesting person. This kind of book can be one of a step for you to get success. This guide offer you information that probably your friend doesn't know, by knowing more than some other make you to be great folks. So , why hesitate? We need to have The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design.

Kelley Hardy:

As a university student exactly feel bored to reading. If their teacher requested them to go to the library in order to make summary for some guide, they are complained. Just tiny students that has reading's heart and soul or real their pastime. They just do what the instructor want, like asked to the library. They go to right now there but nothing reading very seriously. Any students feel that reading is not important, boring along with can't see colorful photos on there. Yeah, it is to be complicated. Book is very important to suit your needs. As we know that on this time, many ways to get whatever we wish. Likewise word says, many ways to reach Chinese's country. Therefore this The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design can make you really feel more interested to read.

Download and Read Online The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design By Mr Keng Tiong Ng #TRS8D32YCXW

Read The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design By Mr Keng Tiong Ng for online ebook

The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design By Mr Keng Tiong Ng Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design By Mr Keng Tiong Ng books to read online.

Online The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design By Mr Keng Tiong Ng ebook PDF download

The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design By Mr Keng Tiong Ng Doc

The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design By Mr Keng Tiong Ng MobiPocket

The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design By Mr Keng Tiong Ng EPub

TRS8D32YCXW: The Art of PCB Reverse Engineering (Standard Edition): Unravelling the Beauty of the Original Design By Mr Keng Tiong Ng