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Encyclopedia of Electronic Circuits, Volume 7

Rudolf F. Graf, William Sheets
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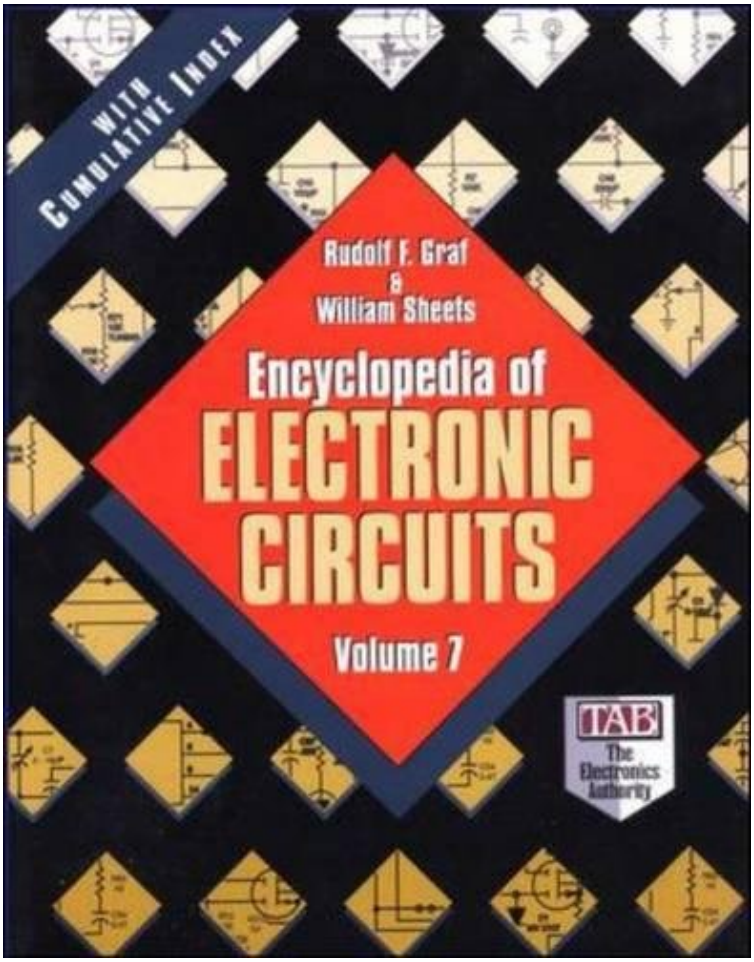

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#1149934 in Books Rudolf F Graf 1998-09-21Original language:EnglishPDF # 1 9.30 x 2.12 x 7.30l, 4.83 #File Name: 00701511641128 pagesEncyclopedia of Electronic Circuits Volume 7 | File size: 64.Mb

Rudolf F. Graf, William Sheets : Encyclopedia of Electronic Circuits, Volume 7 before purchasing it in order to gage whether or not it would be worth my time, and all praised Encyclopedia of Electronic Circuits, Volume 7:

1 of 1 people found the following review helpful. DisappointingBy S. Klein's "Look Inside" is a great feature when purchasing books, however in this case it it raised my expectations for this book. The Table of Contents had many subjects I'm interested in however the actual schematics for those subjects were thin and very outdated. Keep in mind, this book was published in 1999. On the good side - they have replaced most of the vacuum tube circuits. For example: as a photographer, I'm always looking for new projects. Of the 6 circuits, 4 were for darkroom and one was a slide projector controller both of which I abandoned many years ago. This will probably be my last printed book for schematics since the internet is the best place to find circuits using the latest components.1 of 1 people found the following review helpful. A Slightly Different Perspective for INVENTORS...By Let's Compare Options PreptorialIf you read ALL the reviews of ALL seven volumes of Graf's general encyclopedia series, PLUS Graf's 5 "specialty"

circuit books (Oscillators, Amplifiers, Detectors, Measuring and Converters), you'll get a noticeable trend: these books are either for very new hobbyists or designers OR very experienced engineers!Both are actually right, as the series depends on your goals. Since a lot of the info is outdated, it also means a lot is public domain, and you can find some real "gem ideas" that have been forgotten, and with modern component updates, can become the material for a new patent, or components thereof. Circle M's are usually abandoned within 9 years, and didn't even exist back then.In that vein of advanced scanning, another advanced requirement is the ability to calculate missing values and spot mistakes. Eg. Graf gives a digital power monitor circuit with a missing reset switch and only one (R2) of two resistor values. You can use VSense=r1 + 10K/10K * 2.3, for example, to solve for r1, and use vsense over your VTP, with test values, to get your max voltage.So, for the newbies, hobbyists and new inventors. Hey, with the right attitude, figuring out the mistakes (without blowing yourself up or burning your garage down) can be a challenge! If you compare circuits with online resources and the awesome McGraw Hill circuit (troubleshooting) series (volume 4 is awesome but very rare and expensive-- had to buy if from India: McGraw-Hill Circuit Encyclopedia and Troubleshooting Guide, Volume 4), you can become the Sherlock Holmes of the design world with this series! Think of it as a puzzle and you won't get as ticked off as some of this series' reviewers seem to!I test circuits, especially for law firms and inventors, at payroy dot com, for reference, so my perspective and bias is new as well as experienced inventors. If you're an inventor and combine these series with, for example, Practical Electronics for Inventors, Third Edition, you'll have a wonderful and huge set of resources to compare TO the modern web or even smartphone app circuit resources. They say a chess grandmaster has 50,000 positions memorized, I'm guessing that the best inventors eventually have thousands of circuits in mind too! Learning to judge the bad from the good is what the other reviewers who trash this series know how to do-- but studying both good and bad is a GREAT way to learn the difference, as well as spot undiscovered or forgotten gems. Old isn't always bad!!!Library Picks reviews only for the benefit of shoppers and has nothing to do with , the authors, manufacturers or publishers of the items we review. We always buy the items we review for the sake of objectivity, and although we search for gems, are not shy about trashing an item if it's a waste of time or money for shoppers. If the reviewer identifies herself, her job or her field, it is only as a point of reference to help you gauge the background and any biases.0 of 0 people found the following review helpful. It would be nice to have a parts list for the circuitsBy CustomerVery complete listing of many commonly used circuits. SOME of the referenced circuits fail to show pinouts (on ICs), but these can be obtained from online datasheets for the IC. It would be nice to have a parts list for the circuits, also.

An extensive library of 1,000 circuits from the bestselling, six-volume Encyclopedia of Electronic Circuits. Praise for previous volumes: "Looking for a good electronic circuit cookbook? This is it."--Modern Times. "A treasurehouse...an invaluable reference tool for every hobbyist, technician, student, and design professional,"--Electronics For You. "...a ready source to which to turn for just about any type of circuit you can imagine...--Modern Electronics. New in the bestselling series! One thousand more leading-edge circuit designs! Designed for quick reference and on-the-job use, the Encyclopedia of Electronic Circuits, Volume 7, puts over 1000 state-of-the-art electronic and integrated circuit designs at your fingertips. Organized alphabetically by circuit type, this all-new collection includes the latest designs from industry giants such as Advanced Micro Devices, Motorola, Teledyne, General Electric, and others. For each circuit, you'll find a brief explanation of its operation and other information regarding adjustments or alignment. An invaluable reference tool, this book also includes a cumulative index that covers all the circuits here and in each of the previous 6 volumes.

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Sheets is a self-employed circuit design engineer. He has more than 25 years of experience in RF, analog, and digital electronics. He has written numerous articles in electronics publications and co-authored five books with Graf. His interests include amateur radio (K2MQJ), photography, and travel. He has designed and built numerous items, including a satellite TV system, many transmitters and receivers, and a computer. He has an MEE degree from NYU, is married, and lives in up-state New York.