

Nte Ecg Replcement Guide

Many books on ECG interpretation use simulated ECG tracings. Most of the traces that you find in this book are from real people and of the quality that you will be expected to interpret from in practice. There is now a chapter on Wolff Parkinson White syndrome in this fourth edition, which in addition to the chapters on Hemiblocks, Bi Fascicular and Tri

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Fascicular Blocks and Paced Rhythms in the last edition make The ECG Workbook a very comprehensive resource for healthcare professionals and students. All the additional chapters adhere to the principles followed set out in the first editions: that the text should be accessible and relevant to all practitioners, regardless of their experience and that the text should always be supported with relevant exercises to reinforce learning.

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Contents include: Recording a readable electrocardiogram (ECG) The electrical conducting system of the heart A systematic approach to rhythm strip analysis Heart blocks Common Arrhythmias Ectopics and Extrasystoles The 12 lead ECG Axis deviation Ischaemia, injury and necrosis Sites of infarction Bundle branch blocks Chamber enlargement Hemiblocks, bifascicular blocks and trifascicular blocks Paced rhythms Wolff Parkinson White syndrome

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A systematic approach to ECG interpretation

Beloved, best-selling science writer Mary Roach's "acutely entertaining, morbidly fascinating" (Susan Adams, Forbes) classic, now with a new epilogue. For two thousand years, cadavers – some willingly, some unwittingly – have been involved in science's boldest strides and weirdest undertakings. They've tested France's first guillotines, ridden the NASA

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Space Shuttle, been crucified in a Parisian laboratory to test the authenticity of the Shroud of Turin, and helped solve the mystery of TWA Flight 800. For every new surgical procedure, from heart transplants to gender confirmation surgery, cadavers have helped make history in their quiet way. "Delightful—though never disrespectful" (Les Simpson, Time Out New York), Stiff investigates the strange lives of our bodies postmortem

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and answers the question: What should we do after we die? "This quirky, funny read offers perspective and insight about life, death and the medical profession. . . . You can close this book with an appreciation of the miracle that the human body really is."

–Tara Parker-Pope, Wall Street Journal

"Gross, educational, and unexpectedly sidesplitting." –Entertainment Weekly

The book provides easy-to-understand diverse specialized topics in

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toxicology using self- study questions and answers. The answers are in the form of text along with custom made diagrams and explanations that help the student audience to understand and grasp the matter easily. Problem Solving Questions in Toxicology is written specifically as a study guide for the toxicology board and other examinations. .

Take the "black magic" out of switching power supplies with Practical Switching

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Power Supply Design! This is a comprehensive "hands-on" guide to the theory behind, and design of, PWM and resonant switching supplies. You'll find information on switching supply operation and selecting an appropriate topology for your application. There's extensive coverage of buck, boost, flyback, push-pull, half bridge, and full bridge regulator circuits. Special attention is given to semiconductors used in switching supplies. RFI/EMI

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reduction, grounding, testing, and safety standards are also detailed. Numerous design examples and equations are given and discussed. Even if your primary expertise is in logic or microprocessor engineering, you'll be able to design a power supply that's right for your application with this essential guide and reference! Gives special attention to resonant switching power supplies, a state-of-the-art trend in switching power supply design

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*Approaches switching power supplies in an organized way beginning with the advantages of switching supplies and thier basic operating principles
Explores various configurations of pulse width modulated (PWM) switching supplies and gives readers ideas for the direction of their designs
Especially useful for practicing design engineers whose primary specialty is not in analog or power engineering fields*

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Robot Builder's Sourcebook

*The Washington Manual of Medical
Therapeutics*

SNOMED CT, HL7 and FHIR

Handbook of Veterinary Nursing

*Brunner & Suddarth's Textbook of
Medical-Surgical Nursing*

Over 2,500 Sources for Robot Parts

**Have you ever dreamed of mastering the energy
and technology that's transforming life on Earth?
Imagine yourself in control of electronics at your
own hobby bench? Wanted the knowledge and**

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skills to make your electronic equipment work better, to create new applications (even new inventions), and to be able to explain what's going on inside the high-tech devices you use every day? With this book, you're on your way. Popular Electronics writer G. RANDY SLONE can help you do it all.

This book brings together key features of the toxicology and occupational hazards of pesticides and the way their use is regulated in the main trading regions of the world. There are chapters on each of the main groups of

insecticides, namely organochlorines, anticholinesterases and pyrethrins and pyrethroids. The book also covers fungicides and herbicides, as well as more specialised agents such as microbial pesticides. The risks and hazards to humans are considered, both occupational and through the consumption of contaminated foodstuffs. Additionally, clinical aspects of pesticide poisoning are discussed. The possibility of harm from pesticide exposure has led to the development of national and international regulations governing the

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application of pesticides. The book describes the regulatory systems in three major economic areas: the North American Free Trade Area (USA, Canada and Mexico), the European Union and Japan. This book should be of interest to all individuals working on the development and application of pesticides anywhere in the world. All those involved in the manufacture, regulation and toxicology of pesticides should also benefit from reading this book.

**Simple, Low-cost Electronics ProjectsElsevier
This Dictionary covers information and**

communication technology (ICT), including hardware and software; information networks, including the Internet and the World Wide Web; automatic control; and ICT-related computer-aided fields. The Dictionary also lists abbreviated names of relevant organizations, conferences, symposia and workshops. This reference is important for all practitioners and users in the areas mentioned above, and those who consult or write technical material. This Second Edition contains 10,000 new entries, for a total of 33,000. Emergency Cardiology Second Edition

Frequently Prescribed Medications

Guide to Picmicro Microcontrollers

War Surgery

Servicing Zenith Televisions

A Concise Introduction

Supervised and edited by faculty from the Washington University School of Medicine, *The Washington Manual of Echocardiography* provides quick insight into the successful performance and interpretation of echocardiographic images. Ideal for today's cardiology fellow, this outstanding reference is both sufficiently comprehensive to guide users through training, and

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accessible enough as a quick consult for general physicians who are interested in echocardiography. Your keys to excellence in cardiac echo... • Tips and pearls from cardiologists and sonographers offer guidance on proper set-up, correct transduction technique, and image optimization • Easy-to-navigate sections address diagnostic markers of valvular heart disease, cardiomyopathies, and congenital anomalies, as well as applications of trans-esophageal echocardiography • Abundant high-quality images enhance visual learning and improve diagnostic accuracy • Succinct yet comprehensive descriptions present critical pieces of

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information on key areas of echocardiography and Doppler techniques • Free online companion website with hundreds of echo clips in addition to the full text for you to access anytime, anywhere

This publication is a compilation of papers presented at the Semiconductor Device Reliability Workshop sponsored by the NATO International Scientific Exchange Program. The Workshop was held in Crete, Greece from June 4 to June 9, 1989. The objective of the Workshop was to review and to further explore advances in the field of semiconductor reliability through invited paper presentations and discussions. The technical emphasis was

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on quality assurance and reliability of optoelectronic and high speed semiconductor devices. The primary support for the meeting was provided by the Scientific Affairs Division of NATO. We are indebted to NATO for their support and to Dr. Craig Sinclair, who admin isters this program. The chapters of this book follow the format and order of the sessions of the meeting. Thirty-six papers were presented and discussed during the five-day Workshop. In addi tion, two panel sessions were held, with audience participation, where the particularly controversial topics of bum-in and reliability modeling and prediction methods were dis cussed. A brief review of

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these sessions is presented in this book.

Established for over 40 years as the "bible" of the medical ward, The Washington Manual® of Medical Therapeutics is now in its Thirty-Third Edition and builds upon that proud tradition—with even more of the current information you need, delivered in a timesaving, quick-reference style. Its portability, comprehensiveness, and ease of access makes it a favorite on-call resource for housestaff and faculty around the world. In this edition, color has been added for better navigation, new decision support algorithms have been added, and an improved templated and bulleted format facilitates a quicker answer. With this

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edition you now have the capability to upload this content to your handheld device and receive updates to the information throughout the activation period. Plus, you have access to eight medical calculators that include: GFR - Cockcroft-Gault Method (Adult) Urea Reduction % (Hemodialysis) Transtubular Potassium Gradient Osmolal Gap Anion Gap Serum Osmolality Reticulocyte Index Body Mass Index (BMI) The Washington Manual® is a registered mark belonging to Washington University in St. Louis to which international legal protection applies. The mark is used in this publication by LWW under license from Washington University. Available in North America

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Only

BUILD THE CIRCUITS THAT MAKE WIRELESS

WORK If you like hands-on electronics, you'll love

Secrets of RF Circuit Design, Third Edition, by Popular

Electronics writer Joe Carr. This update of the favorite RF

circuit guide of thousands of electronics enthusiasts takes

you inside wireless technology with step-by-step,

illustrated directions for dozens of usable projects. This

super guide demonstrates RF theory as it shows you how

to overcome the technical and materials challenges facing

those who build real-world electronics. You learn how to

design and build receiver circuits, RF bridges, amplifiers,

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receiver preselectors, simple spectrum analyzers, and time domain reflectometers. You get detailed insights into simple RF instruments, as well as UHF and microwave components...complete troubleshooting guidance...and handy parts lists and components sources. This new edition packs the latest information on directional and hybrid couplers, and seven new chapters on demodulators, circuit vectors, measuring L-C circuits, and filtering circuits against EMI. “...a great book on wireless technology for persons starting out in RF electronics, as well as for RF technicians and ham radio operators.”

---Cotter W. Sayre, author of *The Complete RF*

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Technician's Handbook (Amazon.com review)

Beware the Dragons!

Moving and Handling People

Practical Switching Power Supply Design

The Washington Manual of Echocardiography

Semiconductor Device Reliability

Dictionary of Acronyms and Technical Abbreviations

Aimed at both students and seasoned users, this book will take the reader through the peripheral interface controller (PIC) like no other text. PICs have been described as the hobby chip of the '90s due to their ease of use. Hardware and

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software are also discussed in detail. Topics include: physical appearance, electrical structure, software requirements, hardware requirements, prototype layout boards, simple PIC programmers, PIC instruction set, use of the Microchip tools including MPLAB and Technical Library, software applications, software codes, and 8-10 PIC projects.

This completely updated reference book is a must for every technician's library. With more than 490,000 part numbers, type numbers, and other identifying numbers listed, technicians will have no problem locating the replacement or

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substitution information they need. The "Semiconductor Cross Reference Book" is four cross references in one, including replacement information for NTE, ECG, Radio Shack, and TCE. It also includes an up-to-date listing of original equipment manufacturers.

Renowned physiology instructor Dr. Linda Costanzo's friendly, logical, easy-to-follow writing style makes Physiology, 6th Edition ideal for coursework and USMLE preparation. Well-designed figures and tables provide handy visuals for procedures or physiologic equations, and step-by-step explanations clarify challenging concepts.

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This full-color, manageably-sized text offers a comprehensive and consistent overview of core physiologic concepts at the organ system and cellular levels, making complex principles easy to understand. Information is presented in a short, simple, and focused manner – the perfect presentation for success in coursework and on exams. Chapter summaries and "Challenge Yourself" questions at the end of each chapter provide an extensive review of the material and reinforce understanding and retention. Equations and sample problems are integrated throughout the text. NEW! More Clinical Physiology Case

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Boxes relate to pathophysiology for a clinical context

Handbook of Veterinary Nursing presents essential guidance and helpful tips on developing and delivering high quality nursing care and skills. Fully updated, this easy-to-follow guide reflects recent changes to veterinary nursing qualifications, current terminology and drug use. The emphasis is on the importance of working methodically, using high quality procedures, to help the whole veterinary team ensure the most successful outcomes in animal care. Written in note form for quick

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reference by veterinary nurses and technicians at all stages of their training and career, this will be invaluable for both exam revision and quick reference in clinic. Contents include: The nursing process in veterinary care, physical assessment of the patient, managing the hospital environment, managing the operating room, surgical nursing activities, anaesthesia, diagnostic imaging, diagnostic tests, triage and emergency procedures, and essential calculations for drugs, fluids, nutrition and radiographic exposures. Key features:

- Gives clinical advice quickly and simply
- Written by authors with many

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years experience of veterinary nurse training and education • Contains essential calculations

• Illustrated in colour throughout

Stiff: The Curious Lives of Human Cadavers

Concepts, Techniques, and Applications in

Microsoft Office Excel with XLMiner

Tab Electronics Gd. To Understanding

Secrets of RF Circuit Design

Transistor Substitution Handbook

The E. C. G. Made Easy

Fred's explanations are clear, readable, and friendly. Each project comes with a complete discussion of circuit theory, circuit board and parts placement layouts, excellent hints

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on building and testing each circuit, suggestions for packaging, and a complete parts list. Few things are as satisfying as when an electronic device you built yourself comes to life when you flip the "On" switch. You're guaranteed success with this essential book on your workbench!

Author Bob Rose takes an in-depth look at Zenith TVs, with coverage of manufacturer history, test equipment, literature, software, and parts. A variety of chassis are given a thorough analysis.

This book is open access under a Creative Commons license. This authoritative book presents the ever progressing state of the art in evaluating climate change

strategies and action. It builds upon a selection of relevant and practical papers and presentations given at the 2nd International Conference on Evaluating Climate Change and Development held in Washington DC in 2014 and includes perspectives from independent evaluations of the major international organisations supporting climate action in developing countries, such as the Global Environment Facility. The first section of the book sets the stage and provides an overview of independent evaluations, carried out by multilateral development banks and development organisations. Important topics include how policies and organisations aim to achieve impact and how this is measured, whether climate change is

mainstreamed into other development programs, and whether operations are meeting the urgency of climate change challenges. The following sections focus on evaluation of climate change projects and policies as they link to development, from the perspective of international organisations, NGO's, multilateral and bilateral aid agencies, and academia. The authors share methodologies or approaches used to better understand problems and assess interventions, strategies and policies. They also share challenges encountered, what was done to solve these and lessons learned from evaluations. Collectively, the authors illustrate the importance of evaluation in providing evidence to guide policy change to informed

decision-making.

This fully revised and updated second edition of Emergency Cardiology offers highly practical advice on the diagnosis and management of acute cardiac conditions. Throughout the book the authors employ an evidence-based approach to clinical practice, and provide detailed guidance for day-to-day practice in a wider variety of settings - from the emergency department to intensive care and the cardiac ward. Provides essential advice for the rapid diagnosis and management of cardiac emergencies - both common and more rare. Includes evidence-based guidelines and the results of the most groundbreaking clinical trials Practical format pocket-sized format

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Authored by four cardiologists with extensive experience in the emergency setting Emergency Cardiology, Second Edition is an essential purchase for junior doctors, emergency department staff, trainees in cardiology and specialist nurses.

Build Your Own Low-Power Transmitters

Data Mining for Business Intelligence

An Illustrated Guide

Future Data and Security Engineering. Big Data, Security and Privacy, Smart City and Industry 4.0 Applications

Pesticide Toxicology and International Regulation

Handbook of Humanitarian Health Care Logistics

This book provides an introduction to health

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interoperability and the main standards used. Health interoperability delivers health information where and when it is needed. Everybody stands to gain from safer more soundly based decisions and less duplication, delays, waste and errors. The third edition of Principles of Health Interoperability includes a new part on FHIR (Fast Health Interoperability Resources), the most important new health interoperability standard for a generation. FHIR combines the best features of HL7's v2, v3 and CDA while leveraging the latest web standards and a tight focus on implementability. FHIR can be implemented at a fraction of the price of existing alternatives and is well suited for use in mobile phone apps, cloud communications and EHRs. The book is organised into four parts. The first part covers

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the principles of health interoperability, why it matters, why it is hard and why models are an important part of the solution. The second part covers clinical terminology and SNOMED CT. The third part covers the main HL7 standards: v2, v3, CDA and IHE XDS. The new fourth part covers FHIR and has been contributed by Grahame Grieve, the original FHIR chief.

This book constitutes the proceedings of the 8th International Conference on Future Data and Security Engineering, FDSE 2021, held in Ho Chi Minh City, Vietnam, in November 2021. The 28 full papers and 8 short were carefully reviewed and selected from 168 submissions. The selected papers are organized into the following topical headings: big data analytics and*

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*distributed systems; security and privacy engineering; industry 4.0 and smart city: data analytics and security; blockchain and access control; data analytics and healthcare systems; and short papers: security and data engineering. * The conference was held virtually due to the COVID-19 pandemic.*

"... this manual does an excellent job of merging traditional and contemporary principles of neurotherapeutic intervention, all with a practical, functional orientation." -- Physical Therapy Care Reports, Vol. 2, No. 1, January 1999 Here's an integrated physical therapy model applicable to a variety of clinical problems and diagnoses. After exploring the application of treatment techniques, the authors focus on clinical decision-making strategies using clinical

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problems and progressively comprehensive case studies.

"This text offers a wonderful source of ideas for developing laboratory experiences that will be directly applicable to clinical situations that our students will face in their future practice." -- Mark W. Pape, MSPT, Angelo State University, San Angelo, Texas

Learn how to develop models for classification, prediction, and customer segmentation with the help of Data Mining for Business Intelligence In today's world, businesses are becoming more capable of accessing their ideal consumers, and an understanding of data mining contributes to this success. Data Mining for Business Intelligence, which was developed from a course taught at the Massachusetts Institute of Technology's Sloan School of Management, and

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the University of Maryland's Smith School of Business, uses real data and actual cases to illustrate the applicability of data mining intelligence to the development of successful business models. Featuring XLMiner, the Microsoft Office Excel add-in, this book allows readers to follow along and implement algorithms at their own speed, with a minimal learning curve. In addition, students and practitioners of data mining techniques are presented with hands-on, business-oriented applications. An abundant amount of exercises and examples are provided to motivate learning and understanding. Data Mining for Business Intelligence: Provides both a theoretical and practical understanding of the key methods of classification, prediction, reduction, exploration, and affinity analysis

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Features a business decision-making context for these key methods Illustrates the application and interpretation of these methods using real business cases and data This book helps readers understand the beneficial relationship that can be established between data mining and smart business practices, and is an excellent learning tool for creating valuable strategies and making wiser business decisions.

Modern Quantum Field Theory

Principles and Applications

Working with Limited Resources in Armed Conflict and Other Situations of Violence

Evaluating Climate Change Action for Sustainable Development

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Clinical Manual of Fever in Children including standard 3

This book discusses the latest scientific evidence related to fever and presents the principles of clinical practice, covering different types of fever and its possible complications. The book adopts a clearly defined, practical and effective approach to the management of fever, helping the clinician improve the care for the febrile child. The reader will learn about the guidelines on antipyretics and their side-effects and differential diagnoses, with problem-setting and solving as a case presentation. The second edition of this well-received book

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has been fully updated to include exciting new information of the pathogenesis of fever, including functions of interleukin and all the latest guidelines from NICE and Cochrane Library, as well as all the most up-to-date information and guidelines on febrile seizures. This reader-friendly reference on the disorders of body temperature in children covers the entire spectrum of subjects related to fever. It gives an overview of the best treatment options in order to achieve the best results. Containing a core message at the start of each chapter and with a reader-friendly format this is an indispensable guide for paediatricians, family doctors and other

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professionals who are regularly consulted because of febrile children.

Presenting a variety of topics that are only briefly touched on in other texts, this book provides a thorough introduction to the techniques of field theory. Covering Feynman diagrams and path integrals, the author emphasizes the path integral approach, the Wilsonian approach to renormalization, and the physics of non-abelian gauge theory. It provides a thorough treatment of quark confinement and chiral symmetry breaking, topics not usually covered in other texts at this level. The Standard Model of particle physics is discussed in detail.

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Connections with condensed matter physics are explored, and there is a brief, but detailed, treatment of non-perturbative semi-classical methods. Ideal for graduate students in high energy physics and condensed matter physics, the book contains many problems, which help students practise the key techniques of quantum field theory.

This fully revised and updated step-by-step guide to best practice is for anyone working in health care, social care, education or any other setting where manual handling of people is needed. This 155-page book contains more than 50 guidelines organised into nine sections which are listed

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under the contents.

Accompanying CD-ROM contains graphic footage of various war wound surgeries.

Electronics Buyers' Guide

Physical Rehabilitation Laboratory Manual

For Information and Communication Technologies and Related Areas

The ECG Workbook

Problem Solving Questions in Toxicology

Health Sciences & Professions

* A much-needed clearinghouse for information on

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amateur and educational robotics, containing over 2,500 listings of robot suppliers, including mail order and local area businesses * Contains resources for both common and hard-to-find parts and supplies * Features dozens of "sidebars" to clarify essential robotics technologies * Provides original articles on various robot-building topics

During a storm, Tildy meets the giant dragons everyone fears and she learns that these dragons are just lonely and want to play.

"This comprehensive book addresses applications for hobbyist broadcasting of AM, SSB, TV, FM

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Stereo and NBFM VHF-UHF signals with equipment readers can build themselves for thousands of dollars less than similar equipment sold on the retail market. The authors fully explore the legal limits and ramifications of using the equipment as well as how to get the best performance for optimum range. The key advantage is referencing a low-cost source for all needed parts, including the printed circuit board, as well as the kit. Complete source information has been included to help each reader find the kits and parts they need to build these fascinating projects."--BOOK JACKET.

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Designing the Supply Network and Managing the Flows of Information and Health Care Goods in Humanitarian Assistance during Complex Political Emergencies in low-resource settings

Practical Robotics

Projects for the Electronics Experimenter

A Study Guide for the Board and Other Examinations

8th International Conference, FDSE 2021, Virtual Event, November 24–26, 2021, Proceedings

Mastering Radio Frequency Circuits Through Projects and Experiments