

Book Titles for PCEA Education Page

General

1. **Printed Circuits Handbook, Seventh Edition**, Clyde Coombs, 2016, McGraw-Hill
ISBN: 978-0-07-183395-0
2. **Bebop to the Boolean Boogie**, Clive Maxfield, 1995, HighText Publications,
ISBN: 1-878707-22-1
3. **Printed Circuit Board – Designer’s Reference: Basics**, Christopher T. Robertson, 2003, Prentice Hall Modern Semiconductor Design Series, ISBN: 9780130674814

High Speed/ Signal Integrity

1. **High Speed Constraint Values** (E-Book and Calculator), Charles Pfeil, 2020
<https://pcdandf.com/pcdesign/index.php/constraints>
2. **Right the First Time**, volume 1, Lee Ritchey, 2003, ISBN: 0-9741936-0-7
3. **Right the First Time**, volume 2, Lee Ritchey, 2007, ISBN: 0-9741936-1-5
4. **High-Speed Digital System Design**, Hall, Hall, and McCall, 2000, John Wiley & Sons,
5. ISBN: 0-471-36090-2
6. **High-Speed Digital Design- A Handbook of Black Magic**, Howard W. Johnson & Martin Graham, Prentice Hall, ISBN: 0-13-395724-1
7. **High Speed Signal Propagation- Advanced Black Magic** - Howard W. Johnson & Martin Graham, Prentice Hall, ISBN: 0-13-084408-X
8. **The Printed Circuit Designer’s Guide to Secrets of High-Speed PCB’s**, Martyn Gaudion Polar Instruments, BR Publishing, Inc., ISBN: 9780998288505
9. **Signal Integrity Issues In PCB Design**, Douglas Brooks UltraCAD Design, Inc., 2003, ISBN: 9780131418844

EMI

1. **Principals of Power Integrity for PDN Design Simplified** - Larry D. Smith & Eric Bogatin, Prentice Hall, ISBN: 978-0-13-273555-1
2. **Fast Circuit Boards - Energy Management**, Ralph Morrison, Wiley & Sons), ISBN: 978-1-119-41399-8
3. **PCB Design for Real-World EMI Control**, Bruce R. Archambeault, 2002, Kluwer Academic Publishers Group, ISBN: 978-1-4757-3642-7
4. **Electromagnetic Compatibility Engineering**, Henry Ott, 2nd Edition, John Wiley and Sons, ISBN: 978-0-470-18930-6
5. **EMI Troubleshooting Cookbook for Product Designers**, Patrick G. André and Kenneth Wyatt, ISBN: 978-1-61355-019-1
6. **Grounding & Shielding Techniques**, Ralph Morrison, 6th Edition, John Wiley and Sons, ISBN: 978-1-119-18374-7

HDI

1. **The HDI Handbook**, Happy Holden, 2009, BR Publishing, Inc., ISBN 978-0-9796189-1-8
2. **BGA Breakouts & Routing**, Charles Pfeil, 2008

Flex

1. **Flexible Circuit Technology**, 4th Edition, Joseph Fjelsted, 2011, BR Publishing Inc.