

REFERENCES

This book is purposely aimed at the component and printed circuit board level, there are many other books on the market for the systems level and for those involved in electromagnetic compatibility (EMC) testing. There are also a significant number of seminars, colloquia and international conferences which cover all aspects of EMC.

The enclosed list gives most of the reference texts which were consulted in the compilation of this book. Although all have merit in their own right there are two I would recommend outright for their subject coverage. First, Tim Williams book *EMC for Product Designers* is the best overall coverage of the EMC subject at the complete product level. For general low noise advice the Henry Ott book *Noise Reduction Techniques in Electronic Systems* is still a leading text in the field.

Books

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Don't Let Rules of Thumb Set Decoupling Capacitor Values, Vincent Grebb and Charles Grasso, *EDN*, September 1, 1995.

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Design at the Circuit Board Level is Critical to EMC Success, Ken Webb, *Assessment Services*, Approval, July/August 1995.

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Differential Signal Transmission Through Backplanes and Connectors, Mary Ann Fusi and Fabrizio Zanella, *Electronic Packaging and Production*, March 1996.

Use Simulation to Spot and Fix EMI Problems, *Electronic Design*, July 22, 1996.

High Performance Connectors – The Often Underestimated Weak Link, Roland Modinger and Michael Munroe, *Electronic Design*, February 3, 1997.

Conferences, Seminars and Colloquia

EMC in High Integrity Digital Systems, IEE Colloquia, 17 May 1991, 1991/104.

EMC Workbook, DTI, Findlay Publications, 1993.

Does Electromagnetic Modelling Have a Place in EMC Design?, IEE Colloquia, 4 February 1993, 1993/028.

Case Studies in EMC, IEE Colloquium, 22 April 1993, 1993/091.

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Predicting and Assuring EMC in the Power Electronics Arena, IEE Colloquium, 15 February 1994, 1994/063

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A Multilayer Approach to Transient Voltage Suppressors, AVX Corporation.

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RF Connector Application Guide, Vitelec Electronics Limited, 1997.

Private Communications

Steve Jones, Manchester Circuits Ltd, Victoria Lane, Manchester, M45 6BU, UK.

Brian Smith, D2D Ltd, West Avenue, Stoke-on-Trent, ST17 1TI, UK.

Advanced Interconnection Technology, 3289 Montreal Industrial Way, Tucker, GA 30084, USA.

Neil Chadderton, Zetex PLC, Fields New Road, Oldham, OL9 8NP, UK.

Geoff White, EMC Net, <http://www.emcnet.com>.

Eric Bogatin, Ansoft Corporation, 4320 Stevens Creek Boulevard, Suite 163, San Jose, CA 95129, USA.