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and design principles to assure
product compatibility Describes the
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electromagnetic interferences and
recommends design improvements to
meet international standards
requirements (FCC, EU EMC directive,
Radio acts, etc.)

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Compatibility, 2nd Edition ...

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Appendix D: A SPICE (PSPICE)
Tutorial - Introduction to ...
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Analysis and Case Studies in
Transportation is a reference for
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well as post-graduate engineering
students studying transportation and
communications in engineering.

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Design and Test Case ...
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EMC 3 1.2 History of EMC 10 1.3
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frequency domain Transmission lines
and signal integrity Nonideal behavior
of components Conducted emissions
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Several appendices are new to this edition including Phasor Analysis of Electric Circuits, The Electromagnetic Field Equations and Waves, Computer Codes for Calculating the Per-Unit-Length Parameters and Crosstalk of Multiconductor Transmission Lines, and a SPICE (PSPICE) tutorial.

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The electromagnetic field can be

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analyzed using Maxwell's equations but the electric or magnetic field must be known to completely analyze the unknown field. The wave equation solution will begin with the Cartesian coordinate system but will be extended to cylindrical and spherical coordinate systems.

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Summary This appendix contains
sections titled: Creating the SPICE or
PSPICE Program Circuit Description
Execution Statements Output
Statements Examples References

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