



# Electro Static Discharge: Understand, Simulate, and Fix ESD Problems

By Michel Mardiguian

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## A thorough and concise treatment of ESD

Recognizing its methodic, step-by-step attack of the electrostatic discharge (ESD) problem, the initial release of this book was quoted by specialists as "the most thorough and concise treatment of the broad ESD continuum that is available." Now in its *Third Edition*, this book delivers the same trusted coverage of the topic while also incorporating recent technological advances that have taken place in the engineering community. The book begins with the basics of ESD for humans and objects, and goes on to cover:

- Effects of ESD coupled to electronics
- Principal ESD specifications
- ESD diagnostics and testing
- Design for ESD immunity

To help with troubleshooting, many ESD case histories are given along with their successful fixes. *Electrostatic Discharge* is essential reading for all designers who want to avoid component failures, no trouble found incidents, and random errors.

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