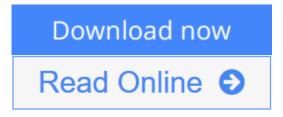


EMI Troubleshooting Techniques

By Michel Mardiguian



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Stop EMI, EMD and RFI cold! Now you can get the newest, most effective weapons to fight costly and potentially devastating electromagnetic interference (EMI), electromagnetic discharge (EMD), and radio frequency interference (RFI) in the field or on the bench. EMI Troubleshooting Techniques, by Michel Marduian, arms you with an arsenal of fail-safe, time- and labor-saving diagnostic routines to help you pinpoint and lock out even the most persistent interference problems. Its 4-step approach lets you 1) identify specific (and even hidden) trouble symptoms, 2) find the matching solutions, 3) implement them and 4) understand their strengths and limitations. From power line filters and conduction type fixes to transient suppressors and radiation control, this time-and money-saving guide streamlines robust designs, speeds on-site troubleshooting for industrial-strength applications, and simplifies EMC lab testing for optimal result. Plus, you get a variety of recommended filters, isolation transformers, shields, varistors, grounding and impedance devices, tapes, foils, and more.



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Editorial Review

From the Back Cover

The EMI/RFI problems stop here. When you've got an electrical "noise" or interference problem this reference is all you need to diagnose and solve it in a hurry. EMI Troubleshooting Techniques presents an orderly, methodical approach to locating the cause of and correcting EMI/RFI breakdowns. It gives you hands-on, optimal solutions whether your task is design, lab testing, or on-site troubleshooting, no matter what type of electronic equipment you're handling. Written by veteran EMC designer/troubleshooter Michel Mardiguian, this efficiency-boosting guide is just what you're looking for in a practical solutions kit--and more. It offers: a solution matrix that helps you pinpoint the right fix quickly; a walk-through chart that simplifies the troubleshooting process; EMI-reduction components categorized by indications, applications, and limitations; practical alternatives to lab testing methods; consideration of real-life issues such as costs, time constraints, and accessibility; solutions for most electronic environments. Whether the EMI in a car's automatic-locking mechanism, a medical diagnostic tool, or a computer motherboard, and whether you're developing, prototyping, testing, diagnosing, or applying fixes, there's only one EMI reduction kit virtually guaranteed to help you avoid dead ends and wasted time: EMI Troubleshooting Techniques.

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