Mardiguian

ElectroMagnetic Compatibility

Understanding, Design, and Testing with Practical Solutions

This textbook describes in accessible, straightforward terms the conducted and radiated mechanisms by which Electromagnetic Interference (EMI) sources can compromise or disable a range of critical devices and services. A partial list of examples in this volume include power mains transients, electrostatic discharge, telecom disturbances and computer lock-up. The author presents and analyzes many documented cases, with quick predictions and practical solutions leading to ElectroMagnetic Compatibility (EMC) proposed through simple troubleshooting insights. Essential legal/military EMC requirements are also described in brief, along with a set of simple EMC test and measurement hints. Compiled with limited mathematics and an engaging narrative writing style, the book is ideal for professional engineers and non-specialists alike.

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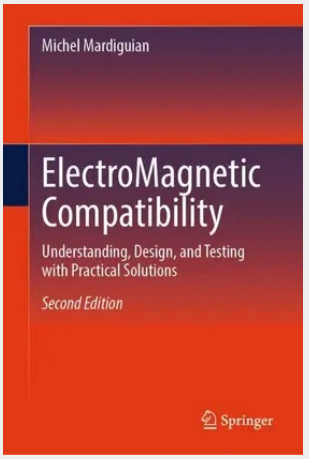

96,29 €
89,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783032026873
Medium: Buch
ISBN: 978-3-032-02687-3
Verlag: Springer
Erscheinungstermin: 03.01.2026
Sprache(n): Englisch
Auflage: 2. Auflage 2025
Produktform: Gebunden
Seiten: 209
Format (B x H): 155 x 235 mm

Kundenservice Verlag Dr. Otto Schmidt KG
Neumannstraße 10, 40235 Düsseldorf | kundenservice@otto-schmidt.de | 0221-93738-997 (Inland)