



RF Power Amplifiers for Wireless Communications, Second Edition (Artech House Microwave Library (Hardcover))

By Steve C. Cripps

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Reviewing the previous edition, "IEEE Microwave Magazine" boasted, "anyone designing power amplifiers will find this book thought provoking and useful." Professionals in the field agreed as the book went on to be one of our top-selling RF design titles. This extensively revised edition of "RF Power Amplifiers for Wireless Communications" offers practitioners a comprehensive, practical, and up-to-date understanding of how to tackle a PA (power amplifier) design with confidence and quickly determine the cause of malfunctioning hardware. Among the numerous updates, the Second Edition includes five new chapters on some of today's most important topics, such as class AB PAs at GHz frequencies; switching PA modes at GHz frequencies; signals, modulation systems, and PA nonlinearities; power amplifier bias circuit design; and load-pull techniques. Supported with nearly 200 illustrations, the book contains the most complete survey of RF PA efficiency enhancement and linearization techniques in a single volume.

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Editorial Review

About the Author

Steve C. Cripps is an independent consultant concentrating in the area of RF power amplifier design. He is also the author of Advanced Techniques in RF Power Amplifier Design (Artech House, 2002) and has over 20 years of experience in microwave technology design and development. He received his Ph.D. from Cambridge University.

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