

# **Secrets of RF Circuit Design**

By Joseph J. Carr



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This revised bestseller shows how to design, build, and test today's radio frequency (RF) circuits. Projects that make it easy to apply RF principles to real-life applications include listings of necessary parts and component sources. You'll learn how to design and build radio receiver circuits, RF bridges, amplifiers, receiver preselectors, simplified spectrum analyzers, time domain reflectometers, and simple wire antennas. It includes a money-saving coupon for a diskette with a Windows-executable program for calculating RF circuit component values, coil-winding parameters, and more.



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#### Secrets of RF Circuit Design By Joseph J. Carr Bibliography

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#### **Editorial Review**

#### From the Back Cover

Take the fastest route to high-quality radio frequency circuits... SECRETS OF RF CIRCUIT DESIGN, Second Edition follow up on the best-selling first Edition, this revised and updated guide gives you the best ways to design, build, and test today's radio frequency (RF) circuits. It's filled with projects and experiments that make it easy to apply RF principles to real-life applications. Popular electronics writer Joe Carr takes you step by step through functional projects in this intermediate-level handbook. He also provides parts lists and component sources for every project, in chapters that cover how to: Design and build radio receiver circuits, Rf bridges, amplifiers, receiver preselectors, simplified spectrum analyzers, and time domain reflectometers.; Select, use, maintain, and repair variable capacitors.; Design and wind inductor coils for radio circuits.; Construct and ground simple wire antennas. You'll find detailed coverage of simple radio frequency insturments, as well as UHF and microwave components. Included is a money-saving coupon for a companion diskette that contains a Windows-executable program for calculating RF circuit component values, coil-winding parameters, and more.

#### About the Author

Joseph J. Carr was a leading electronics author who has written scores of well-reviewed books and technical articles. An electrical engineer and experienced electronics bench technician with CET and CCE certifications, Carr is a former winner of ISCET's Technician of the Year award. Also a columnist for several prestigious publications, including Nuts & Volts, Carr's other best-selling books include DC Power Supplies: A Technician's Guide; Practical Antenna Handbook, Second Edition; Mastering IC Electronics; and Old Time Radios!

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