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level; Power calculations with AC waveforms; Chapter 5. A circuit analysis toolkit; Introduction; Basic topologies; The series circuit and Kirchhoff's voltage law

The parallel circuit and Kirchhoff's current lawArrow directions for voltages and currents; More about voltage and current sources; Thevenin's and Norton's equivalent circuits; Part Two: Resistive Circuits; Chapter 6. Equivalent resistances; Introduction; Using the Tables for resistors; Tolerance of components; Using the Tables for capacitors and inductors; Table 6.1 E6 equivalent resistances; Table 6.2 E12 equivalent resistances; Table 6.3 E24 equivalent resistances; Chapter 7. Maximum powers for resistors; Table 7.1 Maximum power for resistors up to 0.25 W

Table 7.2 Maximum power for resistors 0.33 to 1WTable 7.3 Maximum power for resistors 2W to 5W; Table 7.4 Maximum power for resistors 6W to 10W; Table 7.5 Maximum power for resistors 11W to 25W; Table 7.6 Maximum power for resistors 50W to 300W; Chapter 8. Voltage dividers; Introduction; Using Table 8.1 in cases where source and load impedances can be ignored; When source and load impedances cannot be ignored; Table 8.1 Voltage dividers; Part Three: Reactive Circuits; Chapter 9. First-order CR and LR circuits; Introduction; Time response; Frequency response

Table 9.1 Time and frequency constants for first-order CR circuitsTable 9.2 Time and frequency constants for first-order LR circuits; Table 9.3 Step response of first-order CR and LR circuits; Table 9.4 Frequency and phase response of first-order CR and LR circuits; Chapter 10. LC circuits; Introduction; Series tuned circuit; Parallel tuned circuits; Table 10.1 Frequency constants for LC circuits; Part Four: Operational Amplifier Circuits; Chapter 11. Amplifier gains; Introduction; Inverting op-amp; Non-inverting op-amp; Table 11.1 Inverting op-amp gain
Appendix 1. Units, symbols and suffixes

| Sommario/riassunto | This unique handbook consists of tables compiled as a labour-saving aid for electronics engineers, designers and technicians. The layout and content of these is designed to make them easy to use, and to contain the most valuable but tough to calculate information.Daniel McBrearty compiled this book as a result of bitter experience as an analog designer, initially prototyping and testing the ideas of other folk, and seeking to make those little changes that can make the difference between a good and really excellent circuit, and later doing the whole thing himself. If you don't know off |