

Contents

Installing the Encyclopedia of Electronic Circuits	4
Running the Encyclopedia	5
Additional Software	6
Free Demo Software	8
Installing and Purchasing the Locked Software	8
Installing the Software	9
Accessing Your SoftLock ID Number	10
Accessing the SoftLock Product ID Number	12
Have Your Visa, MasterCard, and American Express and Exp. Date	12
Contact SoftLock	12
Technical Support	13
Using Schematics from the Encyclopedia with SuperCAD	13
Making Printed Circuit Boards	15
Preparation of Schematics for PCBs	16
Printed Circuit Board Projects	17
McGraw-Hill Software License Agreement	23

Installing the Encyclopedia of Electronic Circuits

There are two choices for installing the Encyclopedia:

1) Default (Minimum installation)

This installation requires the smallest amount of disk space (less than 500K) and keeps most of the Encyclopedia files on the CD-ROM.

* To run the default installation in Windows 3.1, from Program Manager, from the File pull-down menu, select RUN. Type **D:\install** (where 'D' is the letter for your CD-ROM drive) and press the **OK** button.

In Windows 95, from the Start menu type **D:\install**, where 'D' is the letter for your CD-ROM drive.

2) Maximum installation

This installation requires at least 60Mbytes on your hard drive. The maximum installation will result in faster access times to the schematics and other information.

* To run the maximum installation, in Windows 3.1, from Program Manager, from the File pull-down menu, select RUN. Type **D:\encyc_hd\install** (where 'D' is the letter for your CD-ROM drive) and press the **OK** button.

In Windows 95, from the Start menu type **D:\encyc_hd\install**, where 'D' is the letter for your CD-ROM drive.

Running the Encyclopedia

The Encyclopedia contains descriptions and schematics for 1000 circuits. The circuits are arranged in 142 detailed topics, each with 1 to 30 circuits. You can find a circuit description and its schematic in several ways:

- GENERAL CATEGORY. Click on a category in the **CONTENTS** Menu. This will display a list of topics. Click on one of the topics for a list of the corresponding circuits.
 - ALPHABETICALLY. From the **CONTENTS** Menu click on the **TOPICS IN ALPHABETICAL ORDER** option. This will give you a list of the 142 topics in alphabetical order. You can use the scroll bars to move down the list of topics, or you can use the A-Z button bar to jump to topics starting with a certain letter.
 - SEARCH FEATURE. Click on the **SEARCH** button. Enter the first few letters of the type of circuit. Select a circuit name or topic in the list. Click on the **SHOW TOPICS** button. Select a topic and click on the **GO TO** button.
- * To view a description, click on the circuit name.
- * To print a circuit's description, from the File pull-down menu click the **PRINT TOPIC** option.
- * To view a schematic, once you are on the circuit's description, click on the **VIEW** button in the button bar.

[Indice de circuitos]

A

Active Antenna Circuits
Alarm and Security Circuits
Amateur Radio Circuits
Amplifier Circuits
Analog-to-Digital Converter Circuits
Annunciator Circuits
Antenna Circuits
Attenuator Circuits
Audio Effects Circuits
Audio Mixers, Cross over and Distribution Circuits
Audio Power Amplifier Circuits
Audio Signal Amplifier Circuits
Audio Oscillator Circuits
Automatic Level Control Circuits
Automotive Circuits

B

Battery Charger and Zapper Circuits
Battery Test and Monitor Circuits
Bridge Circuits
Buffer Circuits
Burst Generator Circuits

C

Capacitance (Touch) Operated Circuits
Carrier Current Circuits
Circuit Protection Circuits
Color Organ Circuits
Comparator Circuits
Computer Related Circuits
Control Circuits
Converter Circuits
Counter Circuits
Crossover Network Circuits
Crystal Oscillator and Test Circuits
Current Measuring Circuits
Current Source and Sink Circuits
Current Limiter Circuit

D

Decoder and Descrambler Circuits
Delay Circuit
Detector, Demodulator and Discriminator Circuits
Digital-to-Analog Circuit
Display Circuits
Divider Circuit
Driver Circuits

E

Electronic Lock Circuits

Emulator Circuits

F

Fiber Optics Circuits
Field Strength Meter Circuits
Filter Circuits
Flasher and Blinker Circuits
Fluid and Moisture Circuits
Frequency Meter Circuit
Frequency Multiplier and Divider Circuits
Frequency-to-Voltage Converter Circuits
Function and Signal Generators

G

Game Circuits
Gas and Smoke Detector Circuits
Geiger Counter Circuits

H

Hall Effect Circuits
High Frequency Amplifier

I

Indicator Circuits
Infrared Circuits

Instrumentation Amplifier Circuits
Integration Circuits
Intercom Circuits
Interface Circuit
Inverter Circuits
Ion Generator Circuit

L

Laser Circuit
Light Activated Circuits
Light Control Circuits
Light Measuring Circuits
Limiter Circuits
Load Sensing Circuits

M

Mathematical Circuits
Measuring and Test Circuits
Metal Detector Circuits
Metronome Circuits
Microwave Amplifier Circuits
Miscellaneous Treasures
Mixer Circuits
Model and Hobby Circuits
Modulator Circuits
Motor Control Circuits

Multivibrator Circuits

N

Noise Generator Circuit
Noise Reduction Circuits
Notch Filter Circuits

O

Operational Amplifier Circuits
Optical Circuits
Oscillator Circuits
Oscilloscope Circuits

P

Photography Related Circuits
Piezo Circuit
Power Amplifier Circuits
Power Measuring Circuits
Power Supply Circuits
Power Supply Circuits--High Voltage
Power Supply Circuits (Variable)
Power Supply Monitor and Protection Circuits
Probe Circuits
Pulse Generator Circuits

R

Radar Circuits

Ramp and Staircase Generator Circuits
Receiver Circuits
Relay Circuits
Remote Control Circuits
Resistance and Continuity Measuring Circuits
RF Amplifier Circuits
RF Oscillator Circuits
Remote Control Circuits (Radio)

S

Sample and Hold Circuits
Shutdown Circuit
Signal Injector Circuit
Sine Wave Oscillator Circuits
Siren, Warbler, Wailer and Whooper Circuit
Sound (Audio) Operated Circuits
Sound Effects Circuits
Square Wave Generator Circuits
Staircase Generator Circuits
Stepper Motor Circuit
Stereo Circuits
Strobe Circuits
Synch Circuits

T

Tachometer Circuits

Tape-Recorder Circuits
Telephone Related Circuits
Temperature-Related Circuits
Theremin Circuits
Tesla Coil Circuits
Tilt Meter Circuits
Timer Circuits
Tone Control Circuit
Touch Control Circuit
Transmitter Circuits
Tremolo Circuits

U

Ultrasonic Circuits

V

Video Circuits
Voice Circuits
Voltage Controlled Oscillator Circuits
Voltmeter Circuits
Voltage Converter/Inverter Circuits
Voltage Multiplier Circuits
Voltage and Current Sources and References Circuits
Voltage-to-Frequency Converter Circuits

W

Waveform and Function Generator Circuits
Window Comparator and Discriminator Circuits

Z

Zero Crossing Detector Circuit

Nombre de archivo: O68
Directorio: D:\Mis Documentos\procesos tecnicos directrices y documentos aplicados
Plantilla: C:\Documents and Settings\biblioteca\Datos de programa\Microsoft\Plantillas\Normal.dot
Título: Encyclopedia of electronic circuits on cd rom [recurso electrónico]
Asunto:
Autor: biblioteca
Palabras clave:
Comentarios:
Fecha de creación: 08/05/2012 15:13:00
Cambio número: 2
Guardado el: 08/05/2012 15:51:00
Guardado por: biblioteca
Tiempo de edición: 38 minutos
Impreso el: 08/05/2012 15:52:00
Última impresión completa
Número de páginas: 4
Número de palabras: 579 (aprox.)
Número de caracteres: 3.186 (aprox.)