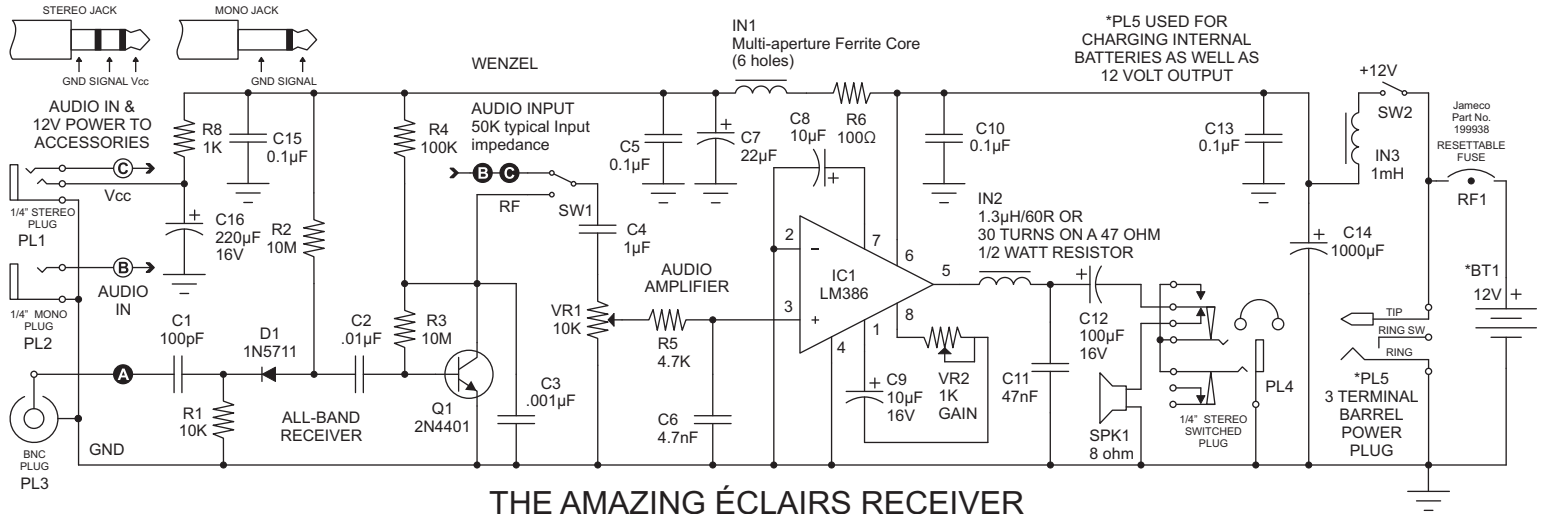


# THE AMAZING ÉCLAIRS RECEIVER



(EMF/Charge/Light/Audio/Induction/RF/Sferics)

**PROMOTES EXPERIMENTATION AND EXPLORATION**



**THE AMAZING ÉCLAIRS RECEIVER**  
(THIS DRAWING IS FOR REFERENCE PURPOSES.)

## INTERNAL RECEIVER CIRCUITS:

- 200 kHz and higher All-Band Radio Frequency Receiver
- Audio Amplifier

## BASIC ACCESSORIES

- 2.4GHz Antennas
- Alligator Clips for experiments
- Directional Microphone
- EMF Generator
- Folded Dipole Antenna
- Hydro Phone
- Loopstick Antenna
- Rabbit Ears Antenna
- Sferics Detector
- Solar Ear
- Speaker Experiments
- Speaker Microphone
- Split Voltage Supply
- Stethoscope
- Telephone Line Interface
- Tuned Loop Antenna
- Variable Capacitor in a Box
- Vibration Sensor
- Yagi Antenna

## EXTERNAL MODULES, ACCESSORIES 1

- AC Line Detector
- Ambient Light Sensor x2
- Chime
- Destroyer Whooper
- Directional Microphone
- Emergency Weather Siren
- Frequency Divider
- Heart Rate Monitor
- Induction Pickup
- Infrared Light Sensor
- Input Impedance Matching Transformer
- Metronome
- Signal Tracer
- Static Charge Sensor
- Telephone Voice Changer
- Two-Tone Diesel Horn
- Two-Tone Siren
- Vibration Sensor
- Voltage Controlled Oscillator

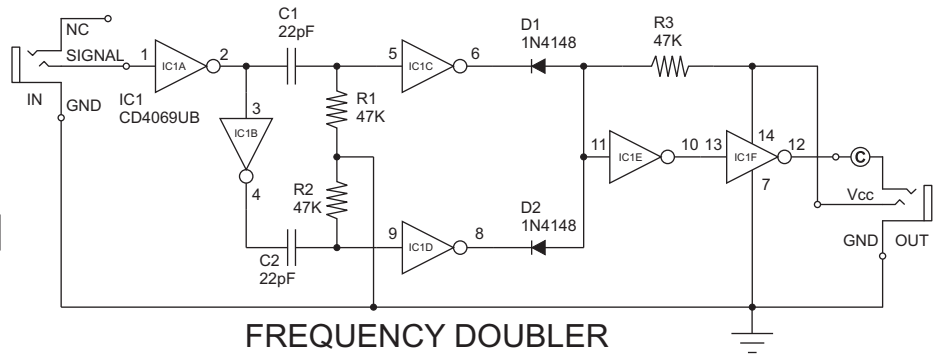
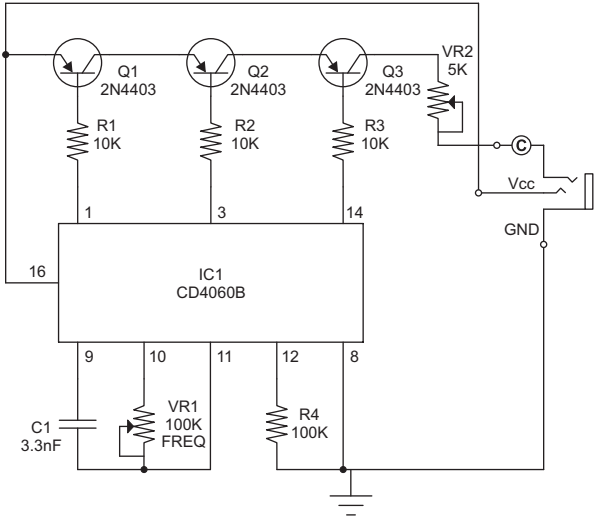
## EXTERNAL MODULES, ACCESSORIES 2

- 1 kHz Sine Wave Generator
- Active Antenna (HF/VHF/UHF, 3-3000 MHz)
- Acupuncture Point Locator
- Automatic Volume Control
- Cardiophone (Audible Heart Beats)
- Chime
- Frequency Doubler
- Ringtone Generator
- Simple Lie Detector (Bio Feedback)
- Simple IR Audio Link Transmitter & Receiver
- Simple Rain Sound Effect Generator
- Stable 60 Hz Frequency Generator
- White Noise Generator

# THE AMAZING ÉCLAIRS RECEIVER

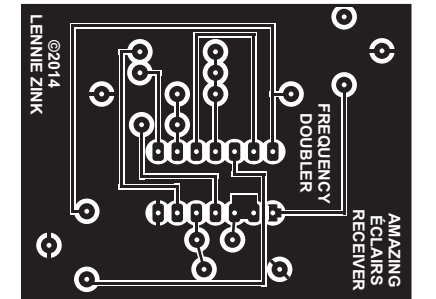
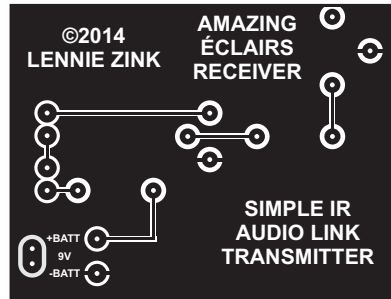
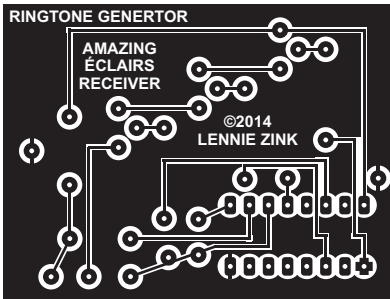
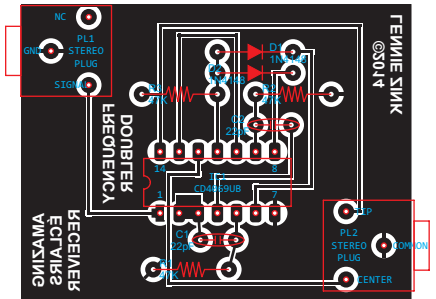
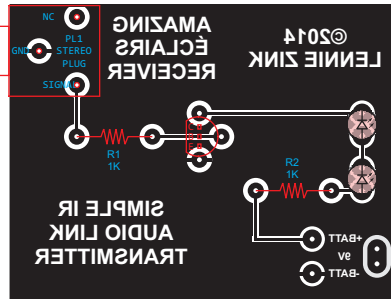
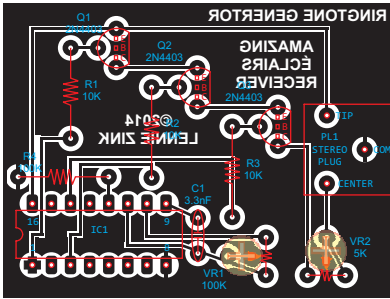
(EMF/Charge/Light/Audio/Induction/RF/Sferics)

## RINGTONE GENERATOR

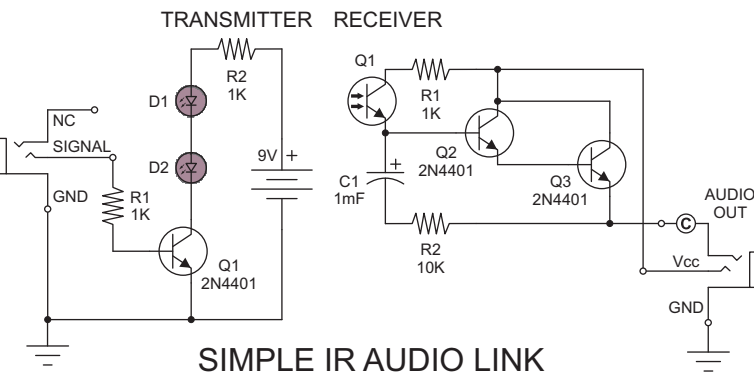


## FREQUENCY DOUBLER

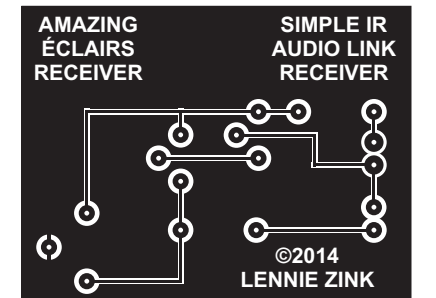
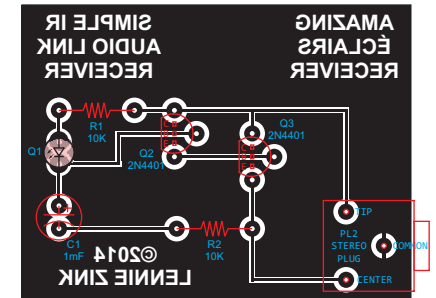
## COMPONENT LAYOUT



## BOTTOM VIEW



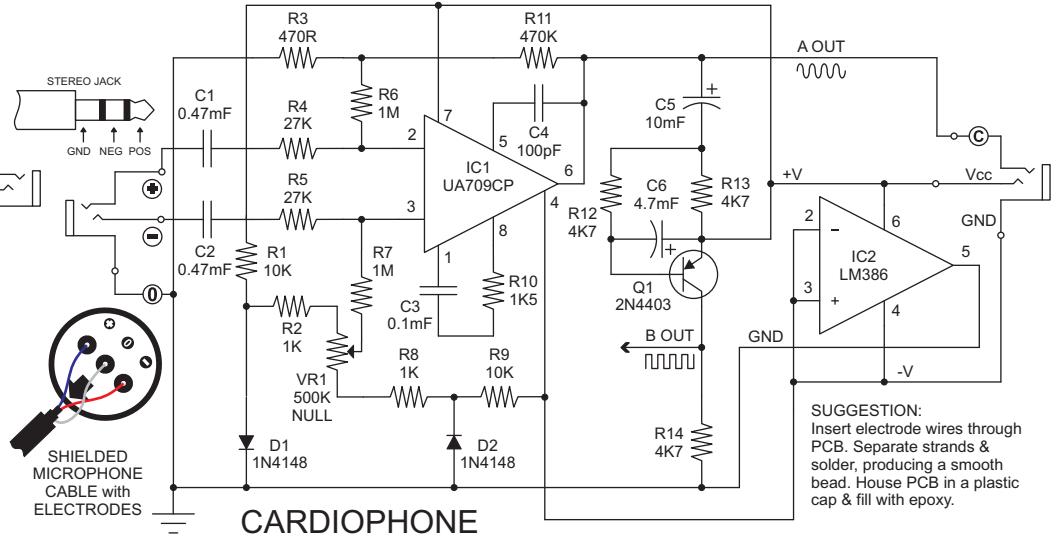
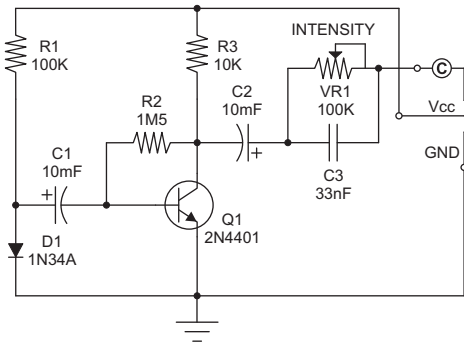
## SIMPLE IR AUDIO LINK



# THE AMAZING ÉCLAIRS RECEIVER

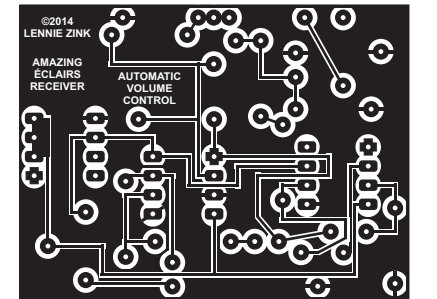
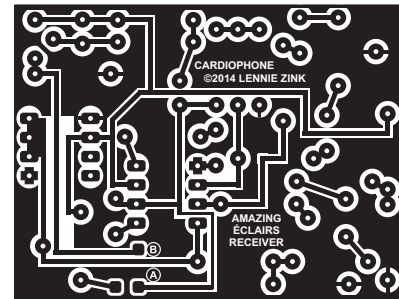
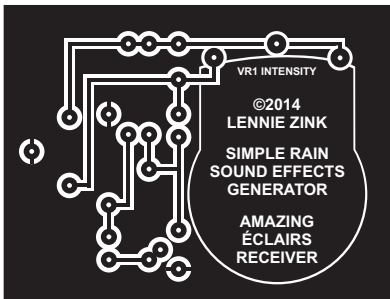
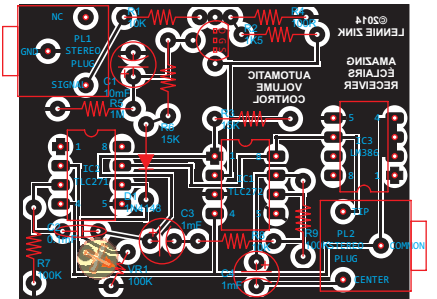
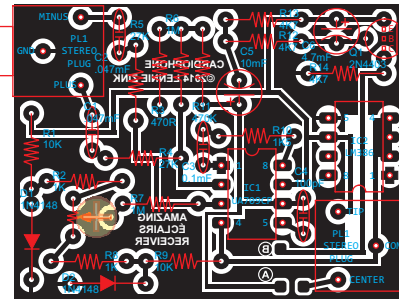
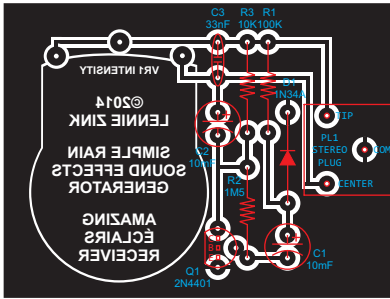
(EMF/Charge/Light/Audio/Induction/RF/Sferics)

## SIMPLE RAIN SOUND EFFECT GENERATOR



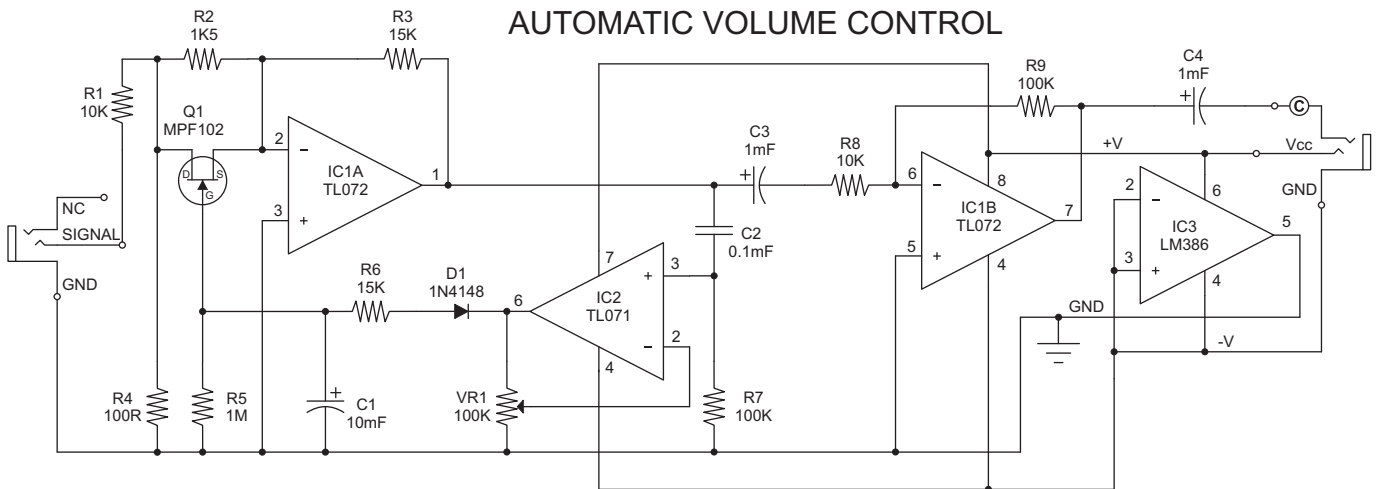
SUGGESTION:  
Insert electrode wires through PCB. Separate strands & solder, producing a smooth bead. House PCB in a plastic cap & fill with epoxy.

## COMPONENT LAYOUT



## BOTTOM VIEW

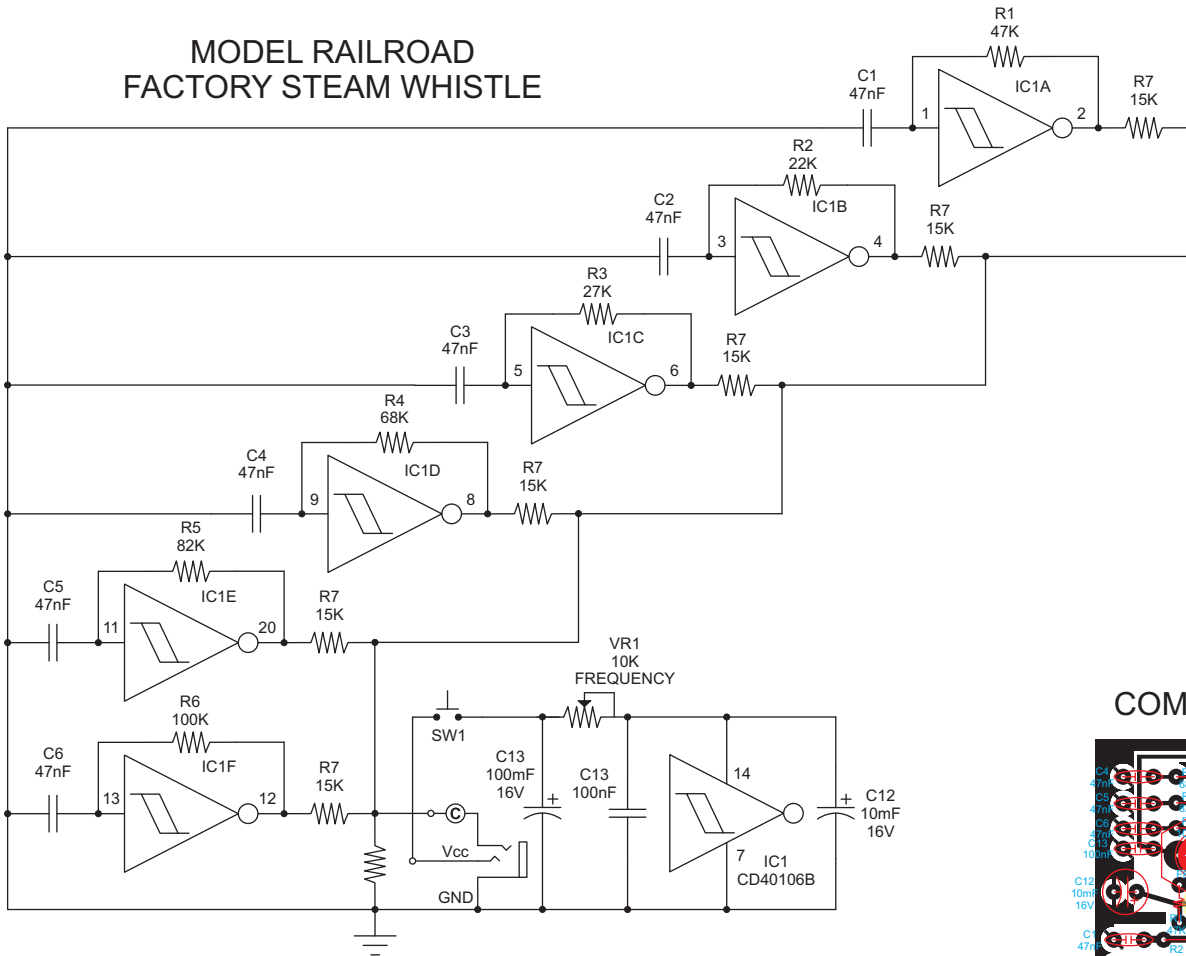
## AUTOMATIC VOLUME CONTROL



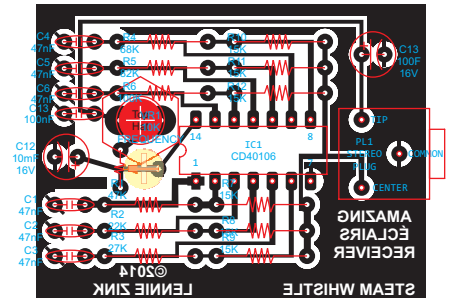
# THE AMAZING ÉCLAIRS RECEIVER

(EMF/Charge/Light/Audio/Induction/RF/Sferics)

## MODEL RAILROAD FACTORY STEAM WHISTLE

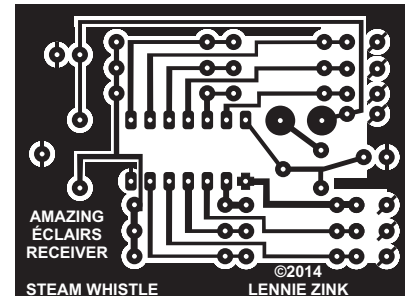
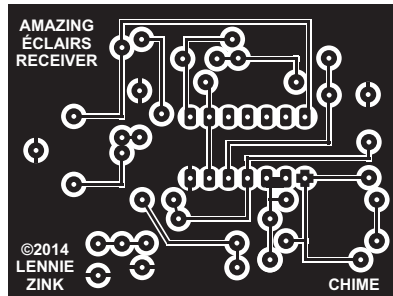
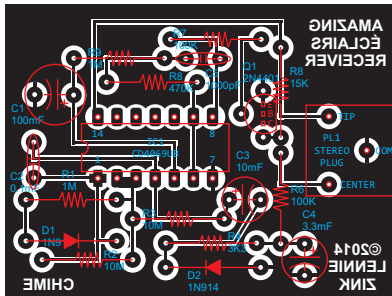


## COMPONENT LAYOUT

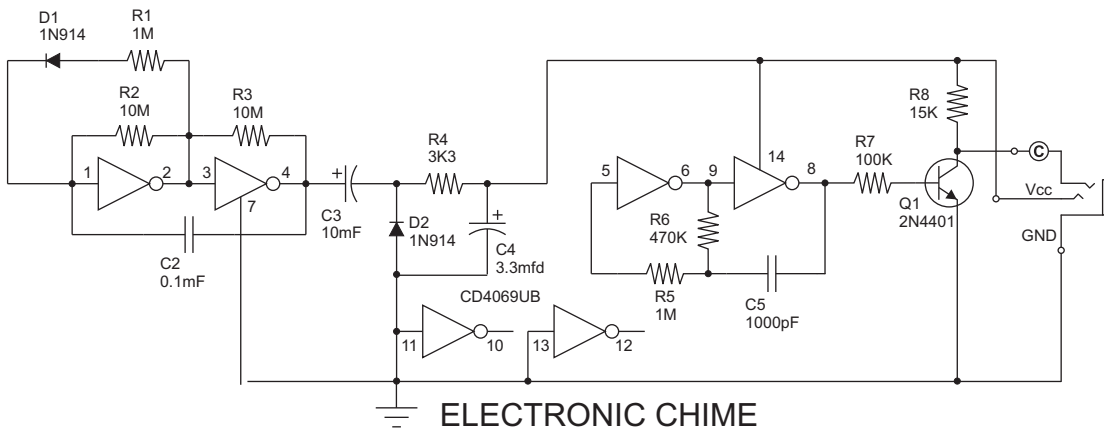


## COMPONENT LAYOUT

## BOTTOM VIEW



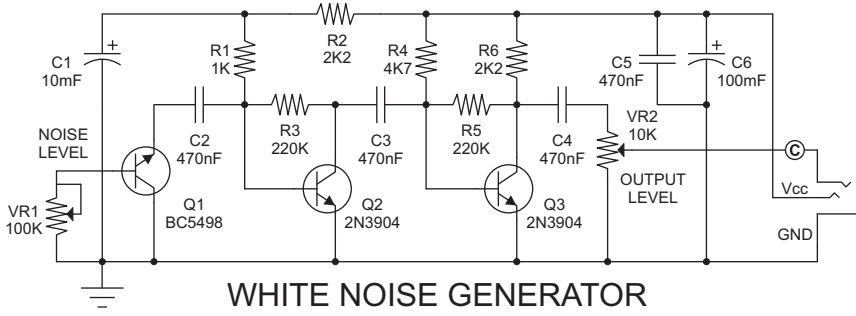
## BOTTOM VIEW



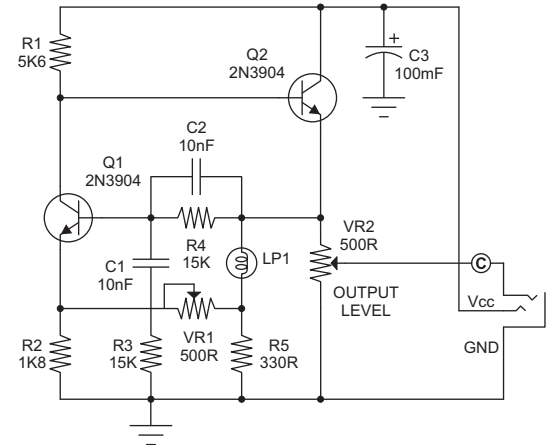
## ELECTRONIC CHIME

# THE AMAZING ÉCLAIRS RECEIVER

(EMF/Charge/Light/Audio/Induction/RF/Sferics)

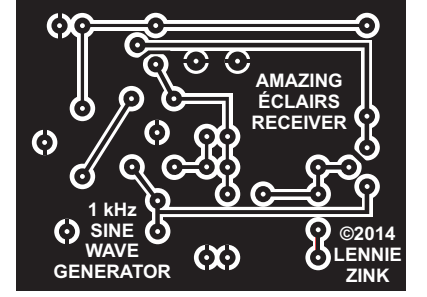
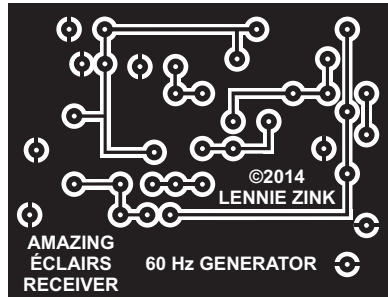
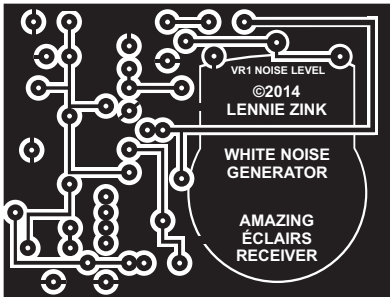
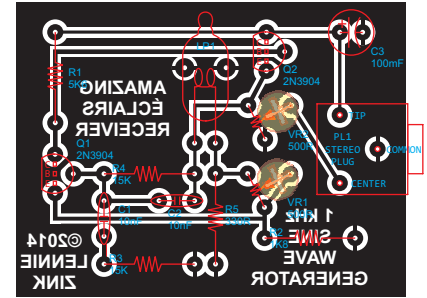
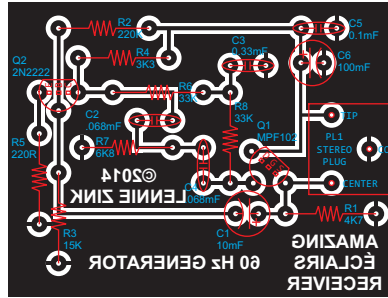
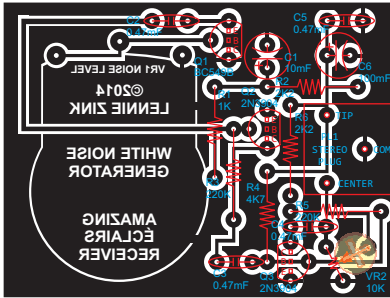


WHITE NOISE GENERATOR

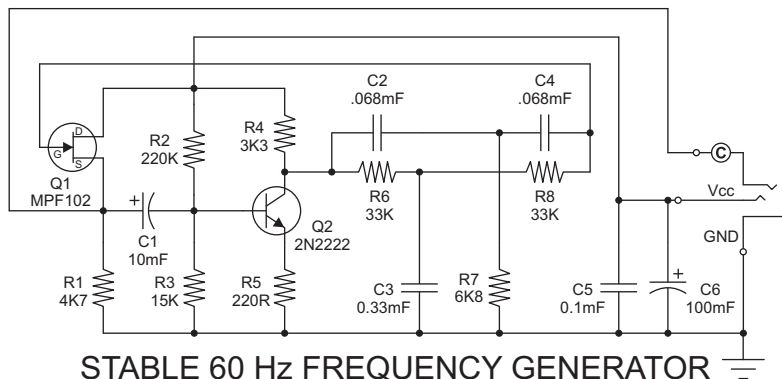


1 KHZ SINE WAVE GENERATOR

## COMPONENT LAYOUT



## BOTTOM VIEW

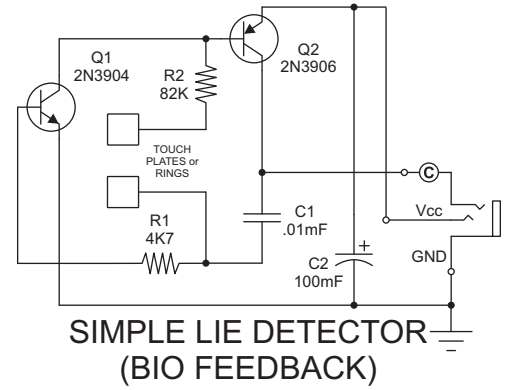
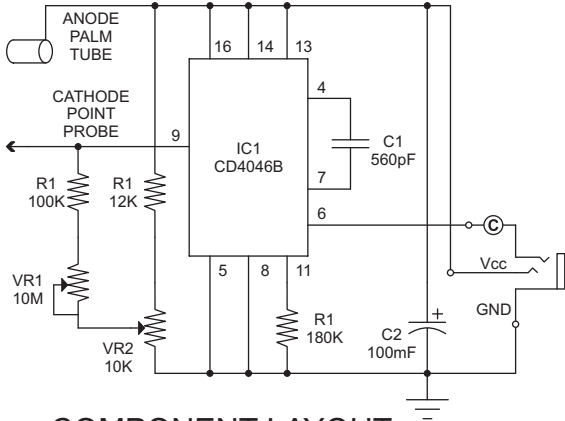


STABLE 60 Hz FREQUENCY GENERATOR

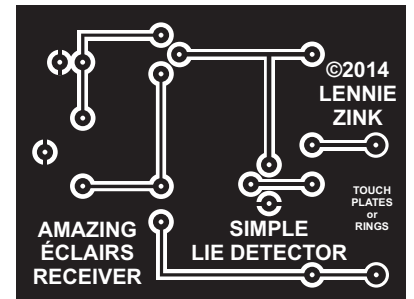
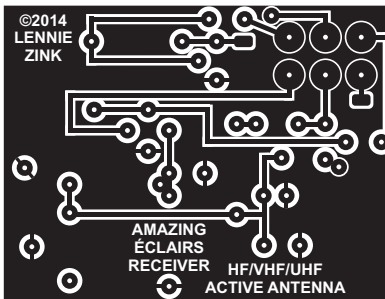
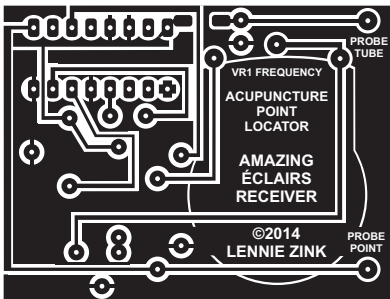
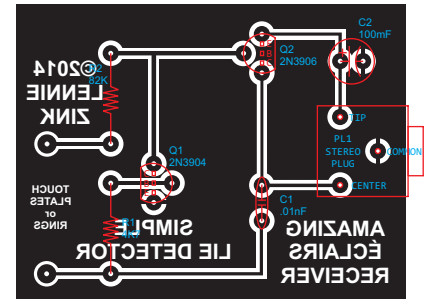
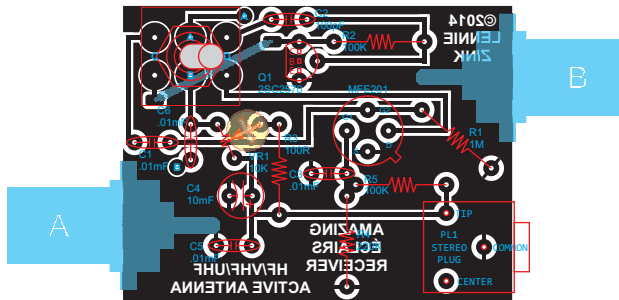
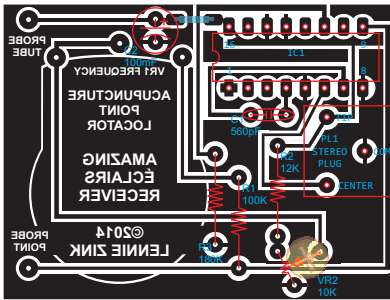
# THE AMAZING ÉCLAIRS RECEIVER

(EMF/Charge/Light/Audio/Induction/RF/Sferics)

## ACUPUNCTURE POINT LOCATOR

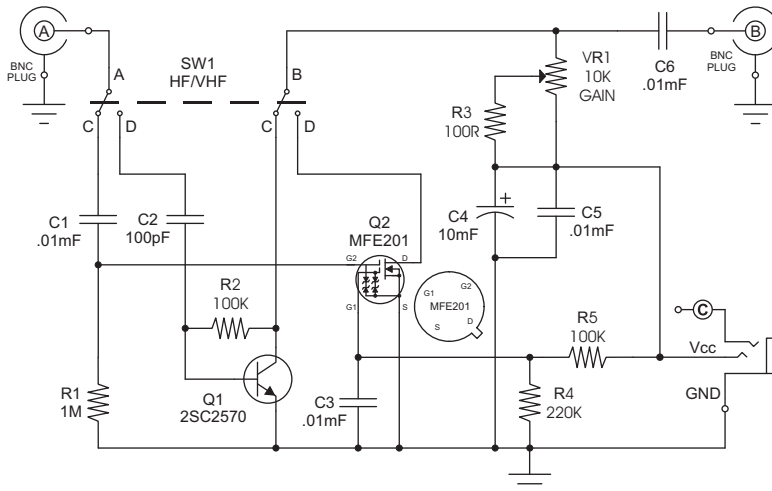


## COMPONENT LAYOUT



## BOTTOM VIEW

## ACTIVE ANTENNA (HF/VHF/UHF, 3-3000 MHz)





**THE AMAZING  
ÉCLAIRS  
RECEIVER**  
SIMPLE LIE DETECTOR  
(BIO FEEDBACK)

HOBBY ELECTRONICS 


**THE  
AMAZING  
ÉCLAIRS  
RECEIVER**

STEAM WHISTLE


HOBBY ELECTRONICS 

**THE AMAZING  
ÉCLAIRS  
RECEIVER**

NOISE LEVEL



WHITE NOISE GENERATOR

HOBBY ELECTRONICS 

**THE AMAZING  
ÉCLAIRS  
RECEIVER**  
60 Hz GENERATOR

HOBBY ELECTRONICS 

**THE AMAZING  
ÉCLAIRS  
RECEIVER**  
ELECTRONIC CHIME

HOBBY ELECTRONICS 

**THE AMAZING  
ÉCLAIRS  
RECEIVER**  
AUTOMATIC  
LEVEL CONTROL

IN

HOBBY ELECTRONICS 

OUT

**THE AMAZING  
ÉCLAIRS  
RECEIVER**  
RINGTONE  
GENERATOR

HOBBY ELECTRONICS 

**THE AMAZING  
ÉCLAIRS  
RECEIVER**  
CARDIOPHONE

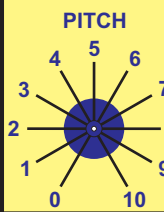
IN


HOBBY ELECTRONICS 

OUT

**THE AMAZING  
ÉCLAIRS  
RECEIVER**  
ACUPUNCTURE  
POINT  
LOCATOR

PITCH




HOBBY ELECTRONICS 

**THE AMAZING  
ÉCLAIRS  
RECEIVER**

HF VHF RANGE

ACTIVE ANTENNA  
3-3000 MHz


ANTENNA IN


HOBBY ELECTRONICS 

OUT

**THE AMAZING  
ÉCLAIRS  
RECEIVER**  
SIMPLE RAIN  
SOUND EFFECT  
GENERATOR

INTENSITY



HOBBY ELECTRONICS 

**CARDIOPHONE**


Pace electrode pad close to heart, just below left breast: arrow pointing down.

**THE AMAZING  
ÉCLAIRS  
RECEIVER**  
1 kHz SINE WAVE  
GENERATOR

HOBBY ELECTRONICS 

**THE AMAZING  
ÉCLAIRS  
RECEIVER**  
FREQUENCY  
DOUBLER

IN

HOBBY ELECTRONICS 

OUT

**THE AMAZING  
ÉCLAIRS  
RECEIVER**  
SIMPLE IR AUDIO LINK  
TRANSMITTER

IN

HOBBY ELECTRONICS 

**THE AMAZING  
ÉCLAIRS  
RECEIVER**  
SIMPLE IR AUDIO LINK  
RECEIVER

HOBBY ELECTRONICS 

OUT