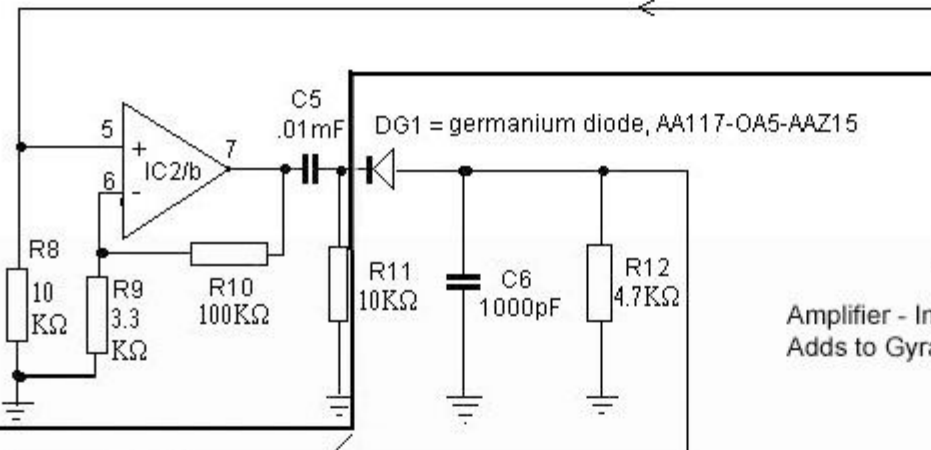
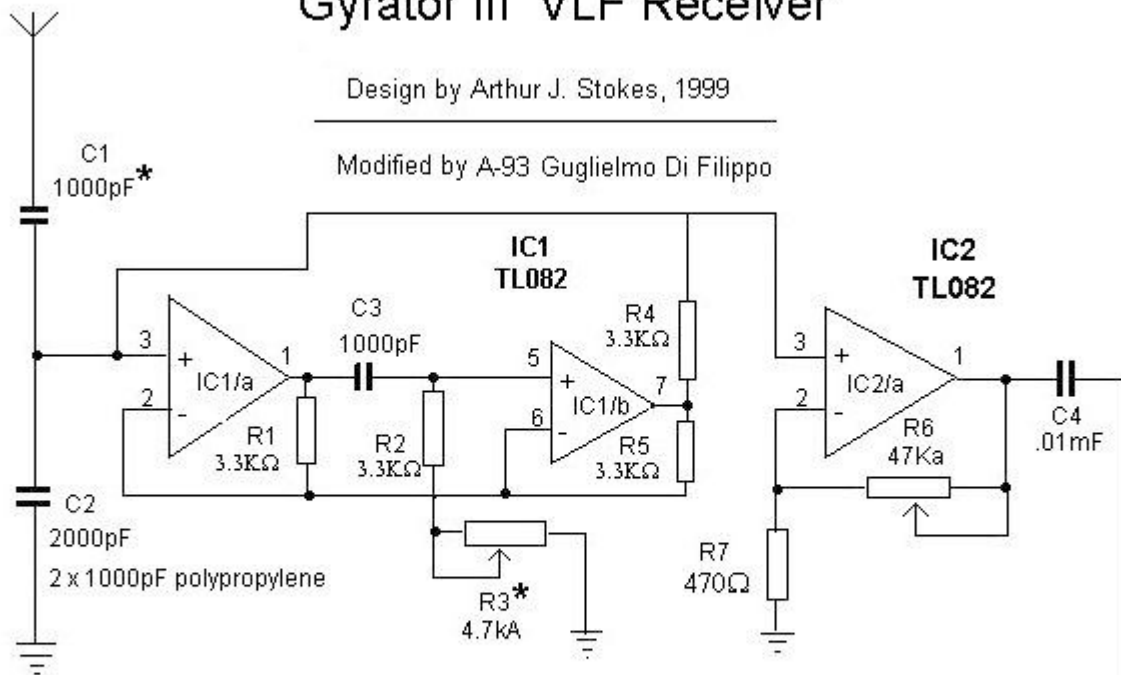


# Gyrator III VLF Receiver

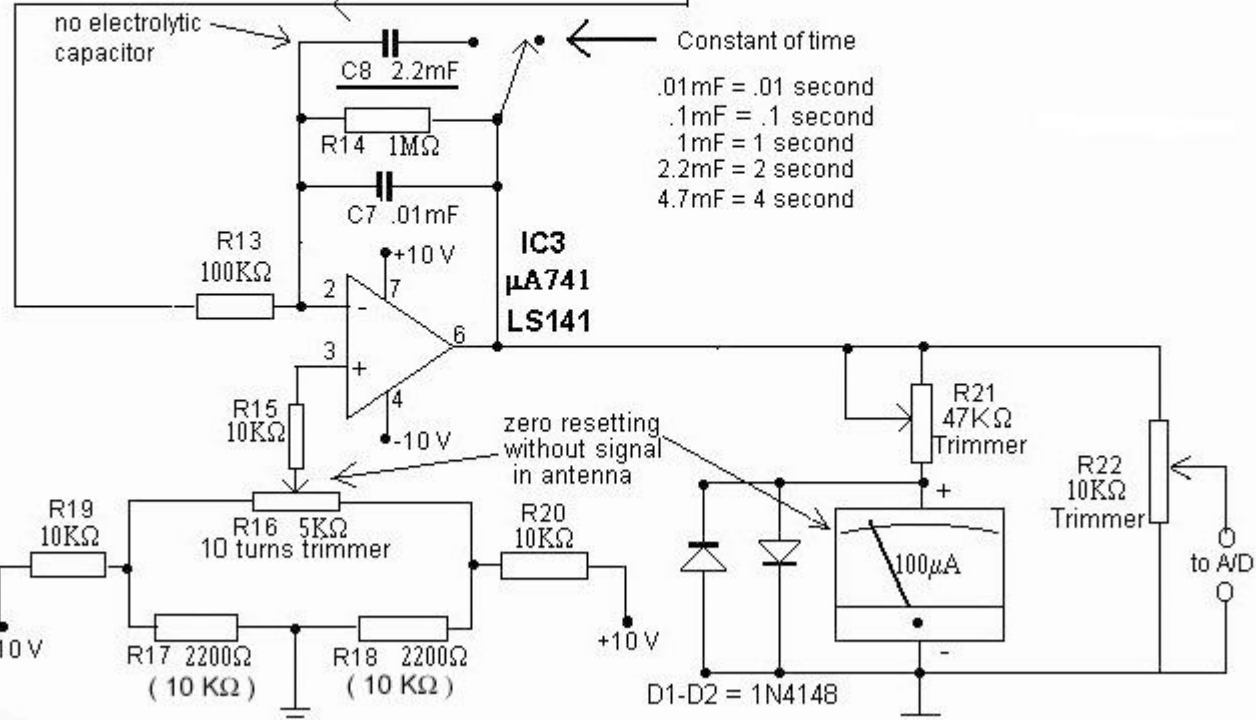
Design by Arthur J. Stokes, 1999

Modified by A-93 Guglielmo Di Filippo



**TL082**  
 PIN 4 -10V  
 PIN 8 +10V  
 \* = Modified

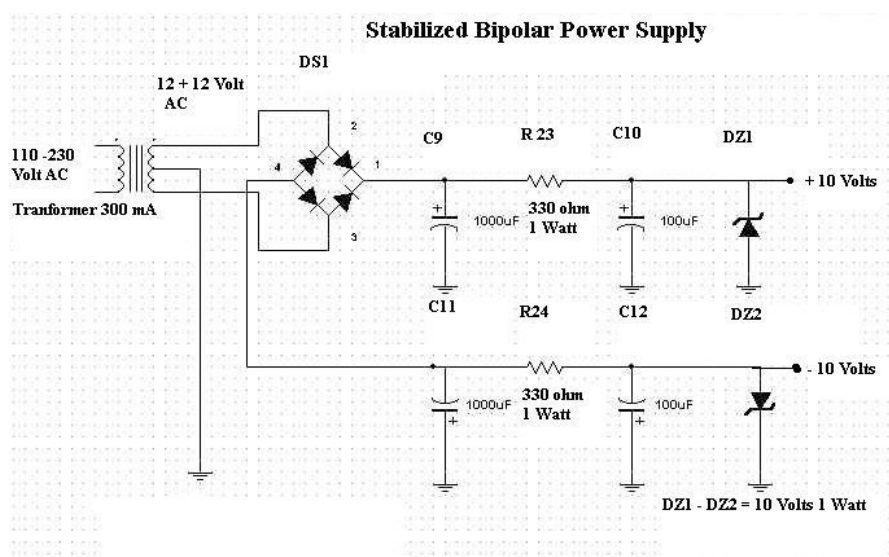
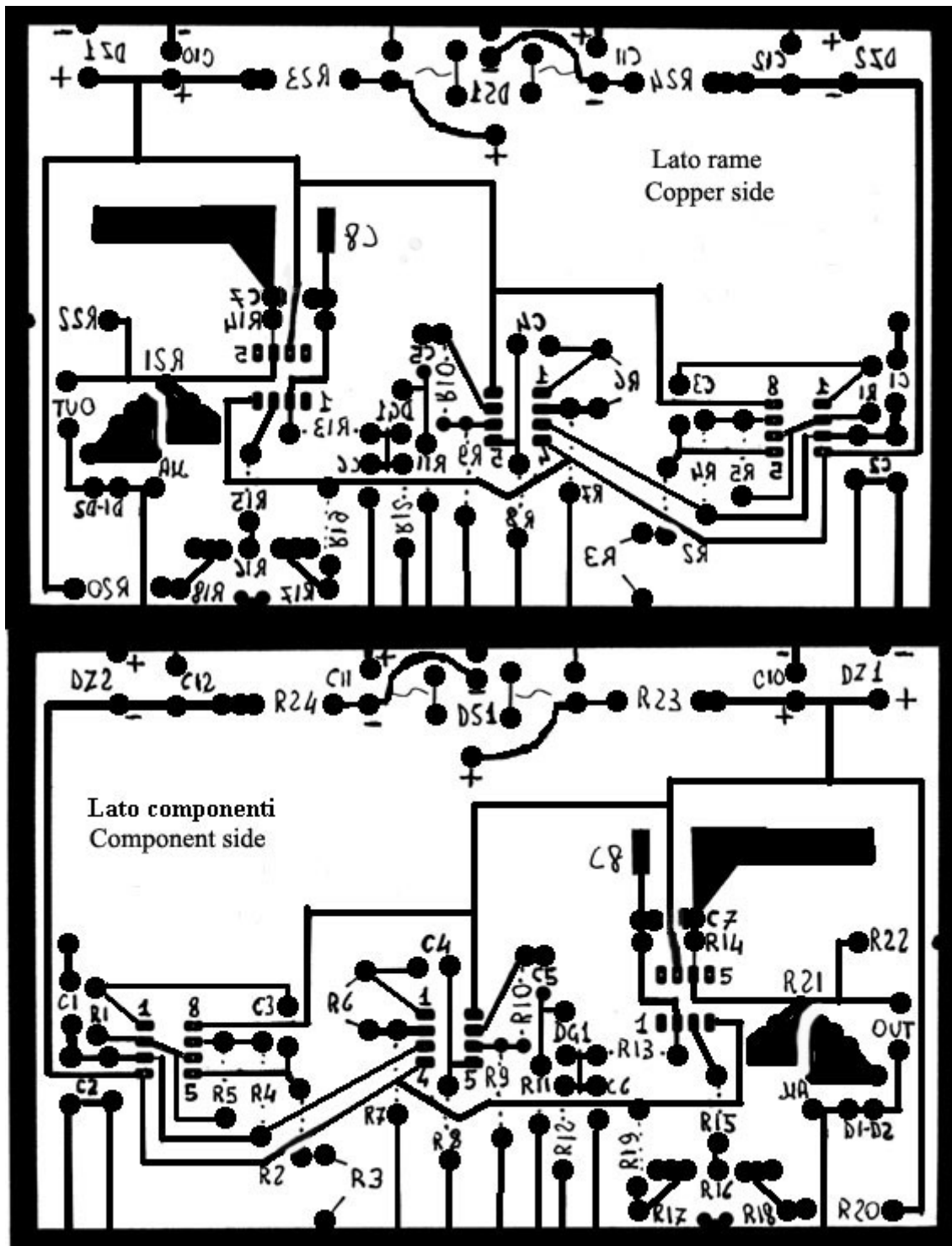
Amplifier - Integrator  
 Adds to Gyrator II



Constant of time  
 .01mF = .01 second  
 .1mF = .1 second  
 1mF = 1 second  
 2.2mF = 2 second  
 4.7mF = 4 second

no electrolytic capacitor

zero resetting  
 without signal  
 in antenna



## Loop for Gyrator III

Design by G. Di Filippo 2000

Notch ends of arm  
for wire loop

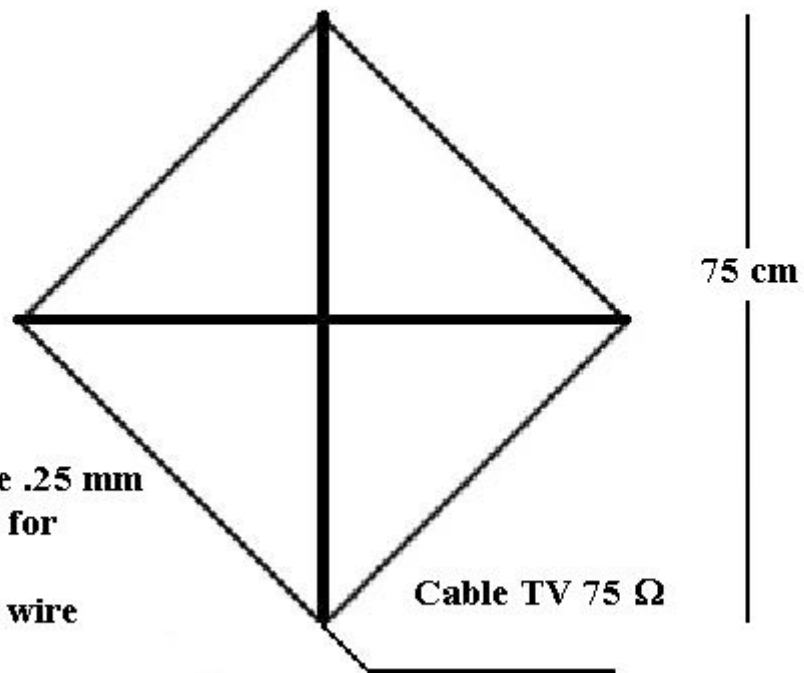


Woden cross-arm, 3 cm  
square, 75 cm long.

The loop has two windings :

The primary 140 turns of wire .25 mm  
tuned with capacitor 1500 pF for  
20 KHz approximately.

The secondary 18/22 turns of wire  
.25 mm.



The secondary winding is coupled on inductive way to Gyrator III with cable TV  
from 75 ohm.

