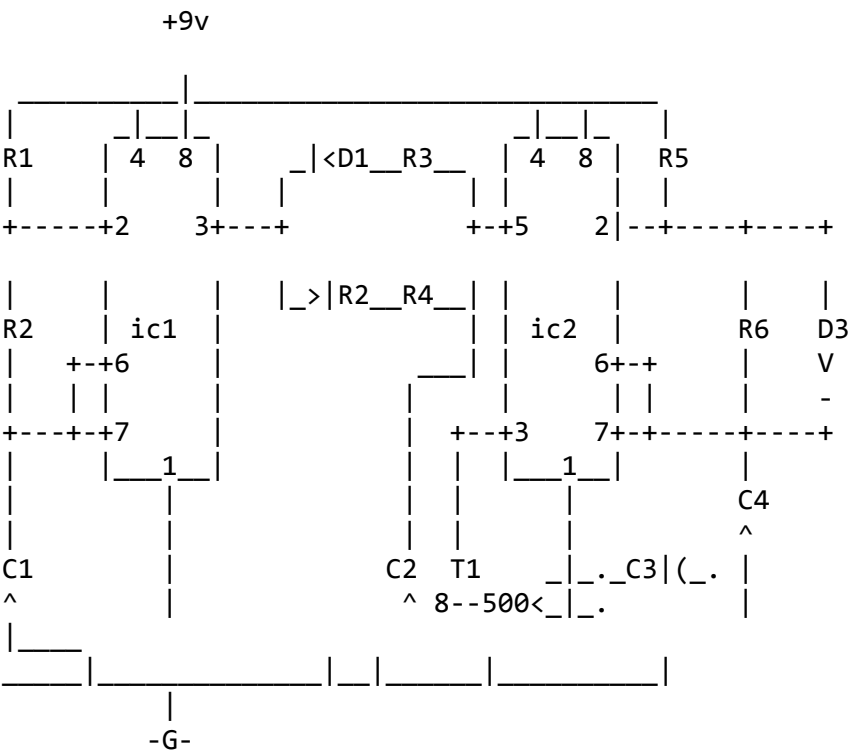




][][][
Schematic Design
][][][



][][][
Parts List
][][][

BUGDTCT.TXT

C1 10-uF electrolytic capacitor 25 WDCV  
C2 300-uF electrolytic capacitor 25 WDCV  
C3 0.1-uF capacitor  
C4 0.068-uF capacitor  
D1-D3 1N914  
IC1,IC2 555 timers  
R1, R4-R6 1-kilohm resistors  
R2 91-kilohm resistor  
R3 22 kilohm resistor  
T1 500-to-8 ohm audio output transformer

]]]]

Construction

-----

When building this unit, it is very useful to use a breadboard or vector board. I suggest that leads being connected to phone line (T1, C3) end in a jack or a modular connector to make the hookup easier. To test it, hook it to the phone line (not the suspected line) and call the line you suspect is being bugged. The party you are calling should not answer the phone. Now, the unit is activated. 3 times, every 4 seconds, the oscillator will go up to 10 kHz and back down again..like a bell curve..If there is a frequency sensitive bug on the line, the phone will stop ringing, and you will be able to hear everything said in the room. If the phone keeps ringing, chances are that all is fine..unless the bug requires a multi-frequency trigger..but these are very rare..

So, we can see that 415-BUG-1111 really does work! It creates the tone..any click heard is the Phone Co's (or whoever is bugging) speaker/tape recorder picking up!

Have fun, and hope it helped!

The Gremlin

Downloaded From P-80 International Information Systems 304-744-2253