

ELECTRONIC DRUM PAD

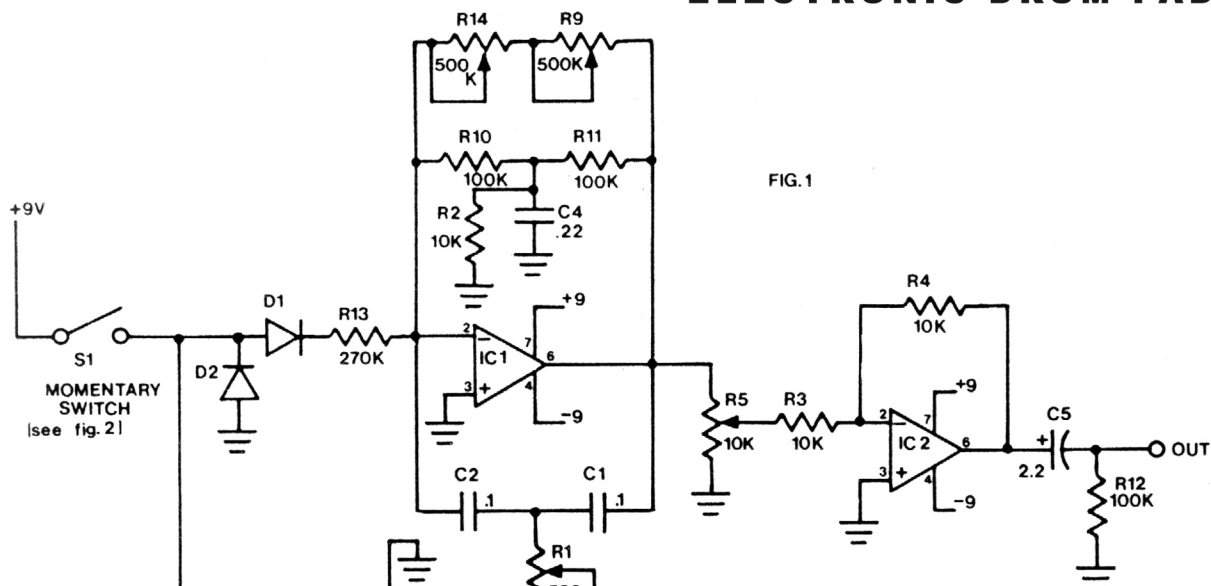
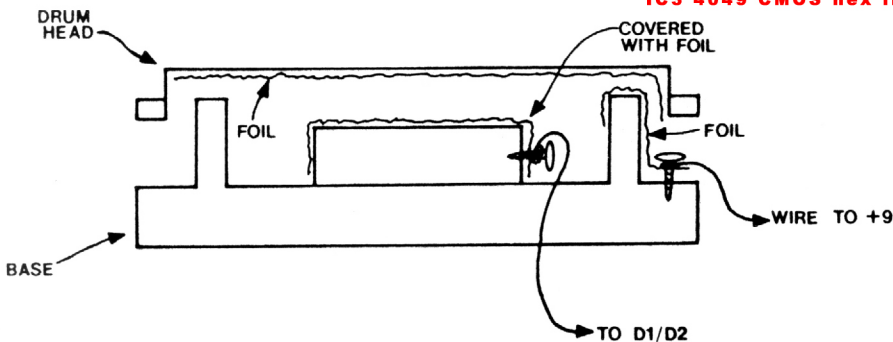


FIG.1

DRUM PAD DIAGRAM
FIG. 2

Parts List Resistors (10%, 1/4 Watt except as noted)

- R1 500 Ohm pot
- R2-R4 10k
- R5 10k audio or linear pot
- R6 47k
- R7 50k linear taper pot
- R8 68k
- R9 100k linear taper pot
- R10-R12 100k
- R13 270k
- R14 500k trimpot
- Capacitors
- C1 0.05 to 0.1 uF (see text)
- C2-C3 0.1 uF mylar
- C4 0.22 uF mylar
- C5 2.2 uF electrolytic
- C6 10 uF electrolytic
- Semiconductors
- D1-D3 1N914 or equivalent diode
- IC1, IC2 741 op amp (see text)
- IC3 4049 CMOS hex inverter



Foil on edge of base contacts foil under head.

Attach switch wires with screws.

Experiment with wood block size so switch closes with a moderate hit.