# ColorSound™ ToneBender Mark II Professional™ Replica
# (NPN Germanium Version)

DC 9 volts
J3

R5
1k

C3
0.01uF

Transistors
are NPN
Germanium

C5
47uF

R2
10k

C2
0.1uF

R3
47k

R6
8k2

B1
+
9v

Q1

Q2

Q3

Volume

Output
J2

Input
J1

C1
4.7uF

R9

C6
0.01uF

R1
100k

R4
100k

R8
100k log

Sw1b

Sw1a

1M5

Attack

R7
1k reverse log

R14
1k

D2
LED Indicator

Sw1c

C4
4.7uF
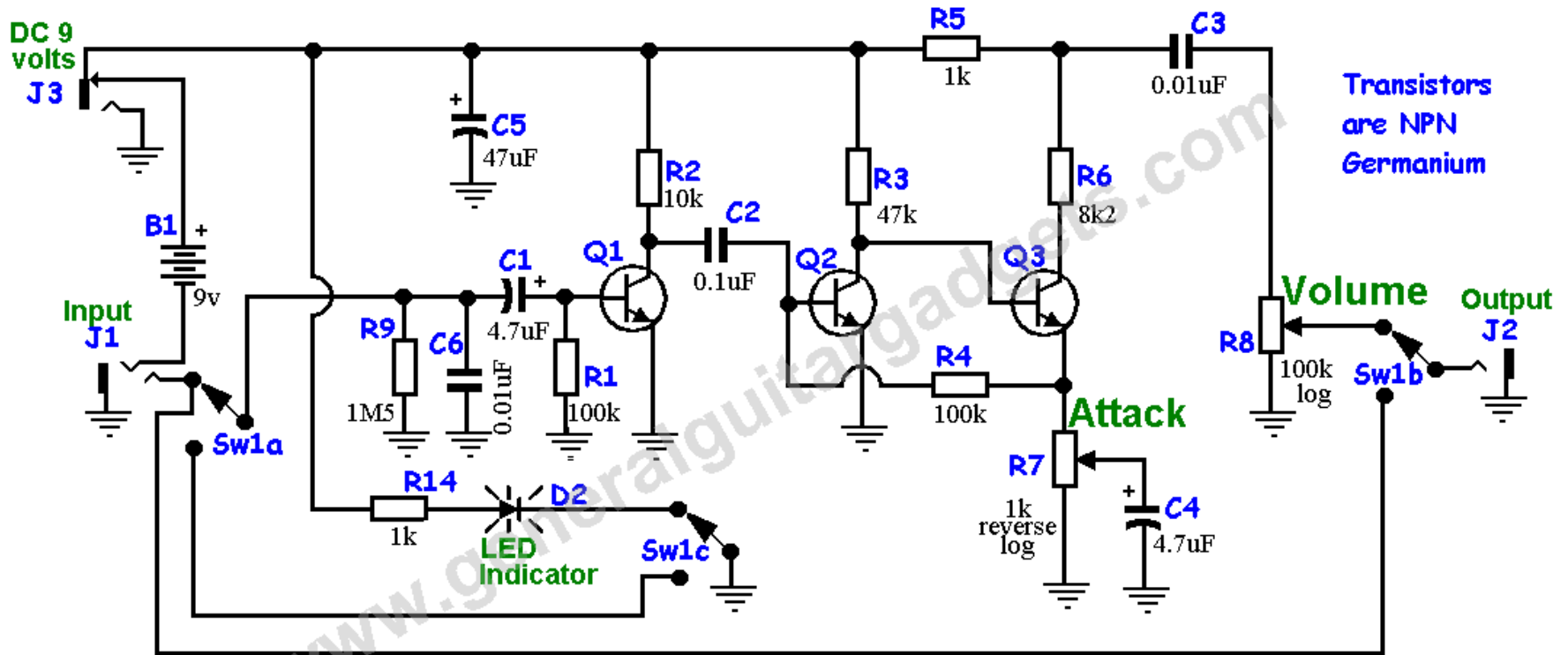
Improvements:
R9 added to prevent possible switch click
True Bypass 3PDT switch with LED Indicator