General Guitar Gadgets

ColorSound™ ToneBender Mark II Professional™ Replica
(PNP Germanium Version)

R5
1k

C3
0.01uF

Transistors are OC81D or other PNP Germanium

DC J3 Power

9v B1
+

C5
+ 47uF

R2
10k

C2
0.1uF

R3
47k

R6
8k2

Input
J1

Sw1a

R9
1M5

C1
+ 4.7uF

Q1

C6
0.01uF

R1
100k

Q2

Q3

R4
100k

Volume

R8
100k log

Output
J2

Sw1b

Attack

R7
1k reverse log

C4
+ 4.7uF

Sw1c

D2
LED Indicator

R14
1k
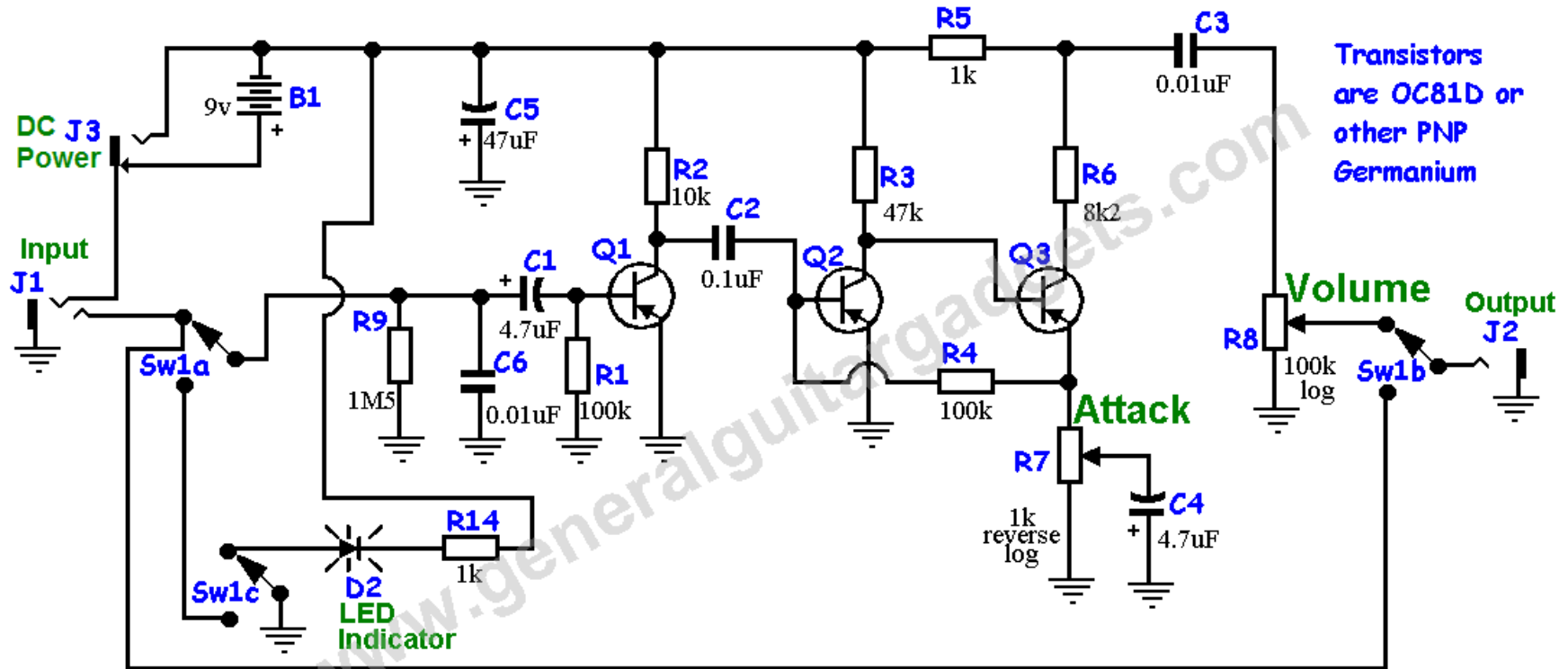
Improvements:
R9 added to prevent possible switch click
True Bypass 3PDT switch with LED Indicator