General Guitar Gadgets

BMP (EHX™ Big Muff Pi™ Replica)
80's Tone Control Bypass Version

9v
DC Power
J3
B1 9volt +
J1
Input
Sw1a
C15 100pF
R26 1M5
R1 47k
C1 1uF
C2 470pF
R3 470k
R5 15k
C3 1uF
Q1
R2 100k
R4 100 ohm
R6 100k log
Sustain
R7 1k
C4 0.1uF
R8 8k2
D1
D2
R10 470k
C5 470pF
R11 15k
C6 1uF
C7 0.1uF
Q2
R9 100k
R12 100 ohm

R13 8k2
D3
D4
C8 470pF
R15 470k
C9 1uF
Q3
R14 100k
R16 100 ohm
R17 15k
C16 0.1uF
Sw2a
R27 150k
C10 0.0039uF
R18 22k
R19 39k
C11 0.01uF
Tone
R20 100k linear
Sw2b
C12 0.1uF
+ C14 100uF
R22 390k
R21 100k
R24 10k
C13 1uF
Q4
R23 2k2
R27 1k
LED Indicator
D5
Sw1c
Volume
R25 100k log
Sw1b
J2
Output
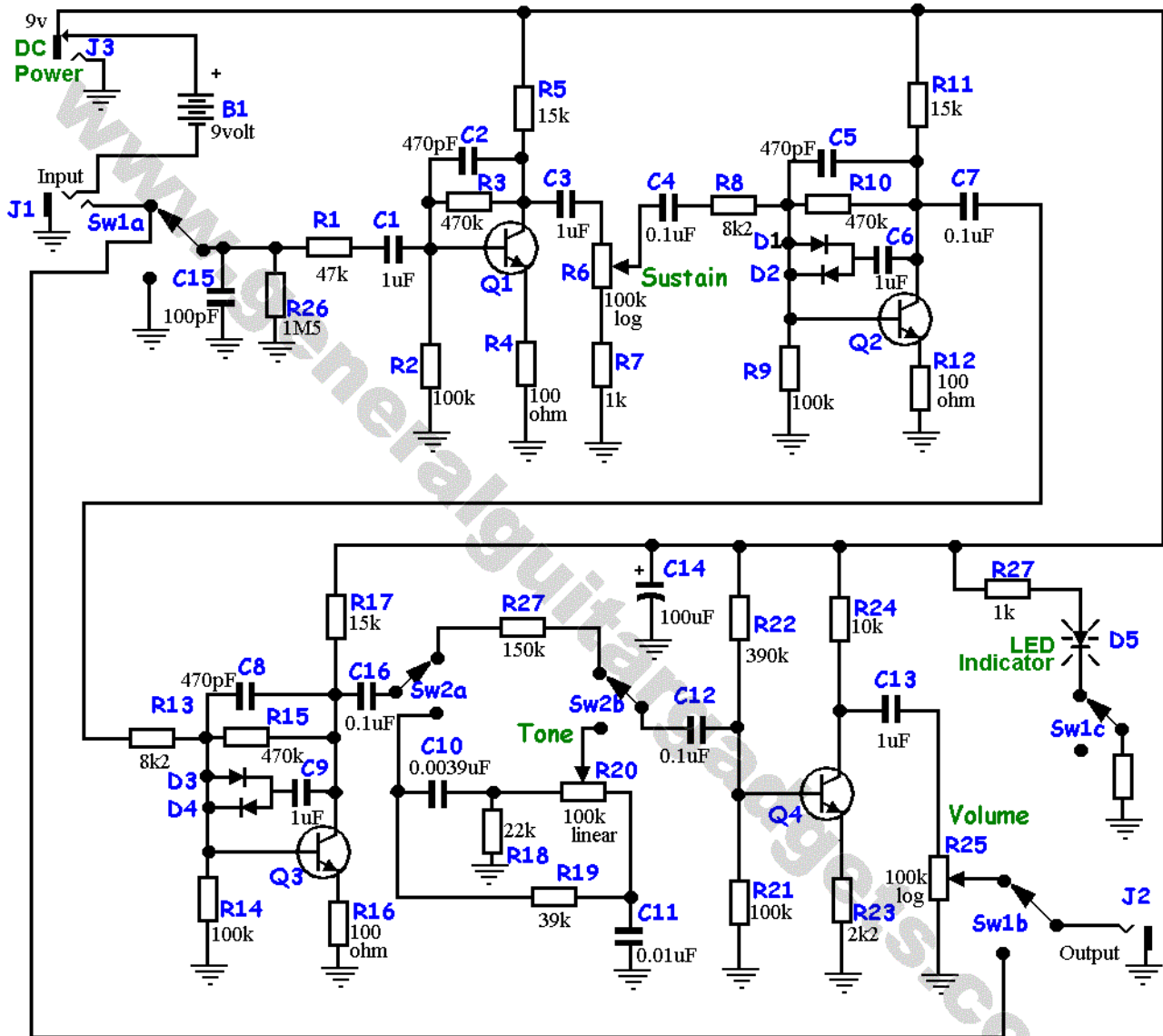
Q1, Q2, Q3 & Q4 - 2N5088 or similar
D1, D2, D3 & D4 - 1N4148 or 1N914

These improvements were added and are not found on most original units:
R26, C14 & C15 - Were added to prevent noise and possible switch click.
True Bypass 3PDT switch with LED Indicator and DC Jack