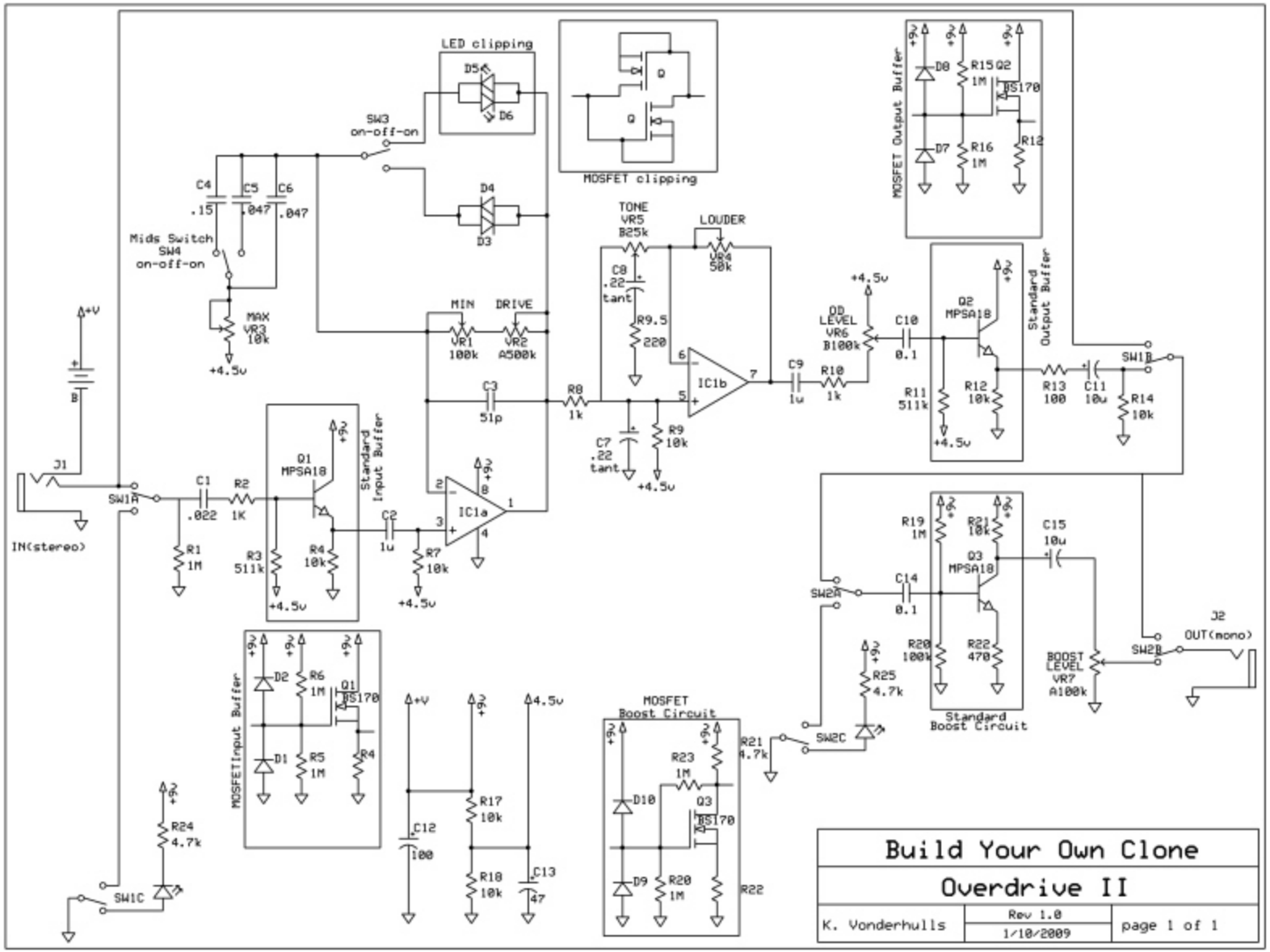
LED clipping
D5
D6
SW3
on-off-on
D4
D3
C4
.15
C5
.047
C6
.047
Mids Switch
SW4
on-off-on
MAX
VR3
10k
+4.5v
MIN
VR1
100k
DRIVE
VR2
A500k
C3
51p
R8
1k
TONE
VR5
B25k
LOUDER
VR4
50k
C8
.22
tant
R9.5
220
C7
.22
tant
R9
10k
IC1b
C9
1u
R10
1k
DD
LEVEL
VR6
B100k
C10
0.1
R11
511k
R12
10k
Q2
MPSA18
Standard
Output Buffer
R13
100
C11
10u
R14
10k
SW1B
MOSFET Output Buffer
D8
R15
1M
Q2
BS170
D7
R16
1M
R12
MOSFET clipping
+V
B
J1
IN(stereo)
SW1A
C1
.022
R2
1K
R1
1M
Q1
MPSA18
Standard
Input Buffer
R3
511k
R4
10k
+4.5v
C2
1u
R7
10k
IC1a
MOSFETInput Buffer
D2
R6
1M
Q1
BS170
D1
R5
1M
R4
R24
4.7k
SW1C
C12
100
R17
10k
R18
10k
C13
47
MOSFET
Boost Circuit
R23
1M
D10
Q3
BS170
D9
R20
1M
R22
R21
4.7k
SW2C
R19
1M
R21
10k
Q3
MPSA18
C15
10u
C14
0.1
R20
100k
R22
470
Standard
Boost Circuit
R25
4.7k
SW2A
SW2B
J2
OUT(mono)
BOOST
LEVEL
VR7
A100k
Build Your Own Clone
Overdrive II
K. Vonderhulls
Rev 1.0
1/10/2009
page 1 of 1