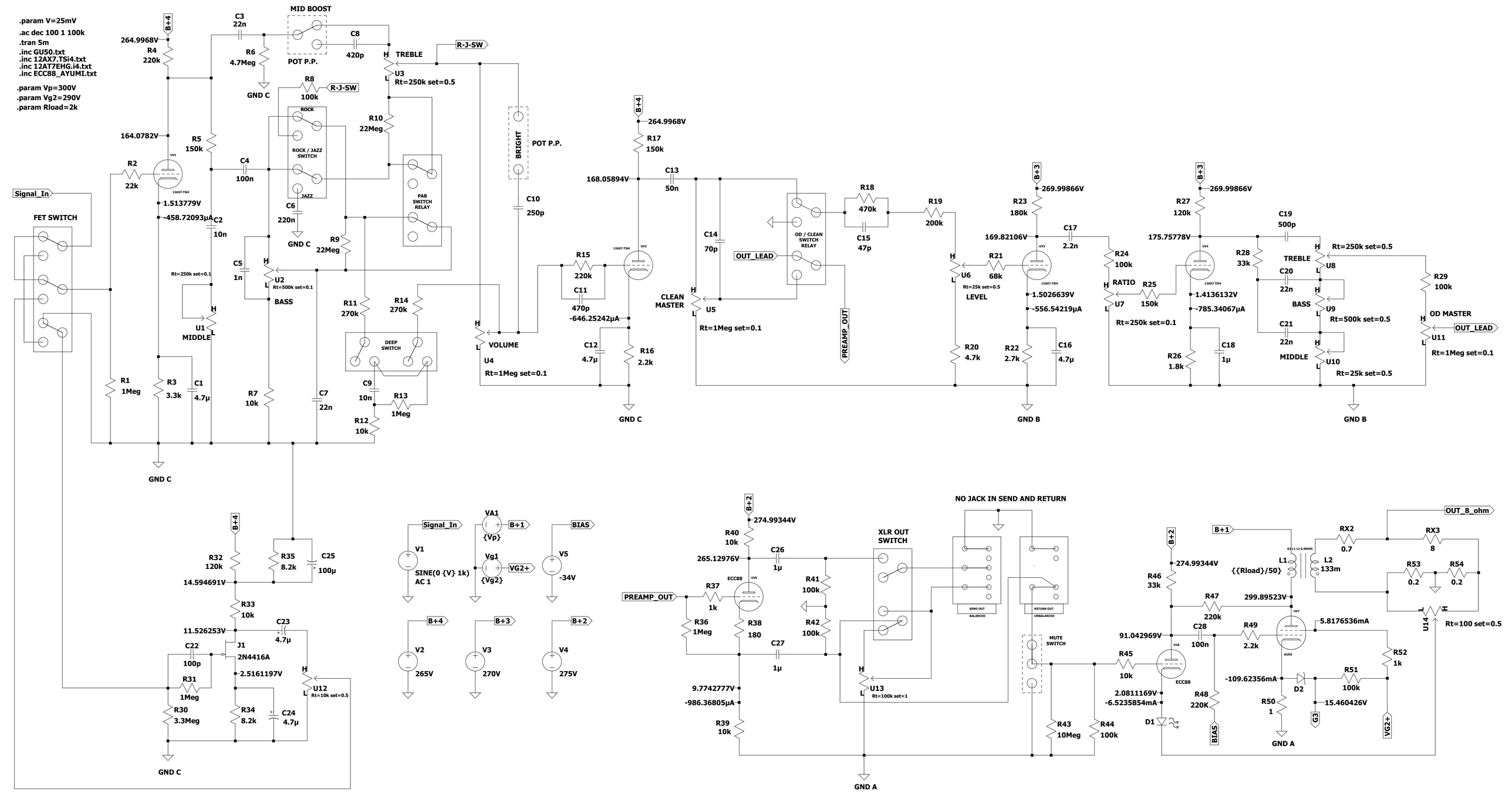
.param V=25mV
.ac dec 100 1 100k
.tran 5m
.inc GU50.txt
.inc 12AX7.TSi4.txt
.inc 12AT7EHG.i4.txt
.inc ECC88_AYUMI.txt
.param Vp=300V
.param Vg2=290V
.param Rload=2k
B+4
264.9968V
R4
220k
C3
22n
MID BOOST
POT P.P.
C8
420p
TREBLE
U3
Rt=250k set=0.5
R-J-SW
R6
4.7Meg
GND C
R8
100k
ROCK
ROCK / JAZZ SWITCH
JAZZ
R10
22Meg
BRIGHT
POT P.P.
C10
250p
164.0782V
R5
150k
UV1
12AX7.TSi4
R2
22k
C4
100n
1.513779V
-458.72093µA
C2
10n
C6
220n
R9
22Meg
PAB SWITCH RELAY
Signal_In
FET SWITCH
C5
1n
U2
Rt=500k set=0.1
BASS
Rt=250k set=0.1
U1
MIDDLE
R11
270k
R14
270k
DEEP SWITCH
C9
10n
R13
1Meg
R12
10k
R1
1Meg
R3
3.3k
C1
4.7µ
R7
10k
C7
22n
VOLUME
U4
Rt=1Meg set=0.1
GND C
B+4
264.9968V
R17
150k
168.05894V
C13
50n
UV2
12AX7.TSi4
R15
220k
C11
470p
-646.25242µA
C12
4.7µ
R16
2.2k
GND C
C14
70p
OUT_LEAD
OD / CLEAN SWITCH RELAY
R18
470k
C15
47p
R19
200k
CLEAN MASTER
U5
Rt=1Meg set=0.1
PREAMP_OUT
B+3
269.99866V
R23
180k
C17
2.2n
169.82106V
UV3
12AX7.TSi4
R21
68k
1.5026639V
-556.54219µA
C16
4.7µ
R22
2.7k
U6
Rt=25k set=0.5
LEVEL
R20
4.7k
GND B
B+3
269.99866V
R27
120k
C19
500p
175.75778V
UV4
12AX7.TSi4
R28
33k
TREBLE
Rt=250k set=0.5
U8
C20
22n
BASS
U9
Rt=500k set=0.5
C21
22n
MIDDLE
U10
Rt=25k set=0.5
R24
100k
RATIO
R25
150k
U7
Rt=250k set=0.1
1.4136132V
-785.34067µA
R26
1.8k
C18
1µ
R29
100k
OD MASTER
U11
Rt=1Meg set=0.1
OUT_LEAD
GND B
B+4
R32
120k
R35
8.2k
C25
100µ
14.594691V
R33
10k
C23
4.7µ
11.526253V
J1
2N4416A
C22
100p
2.5161197V
R31
1Meg
R30
3.3Meg
R34
8.2k
C24
4.7µ
U12
Rt=10k set=0.5
GND C
Signal_In
V1
SINE(0 {V} 1k)
AC 1
VA1
{Vp}
B+1
Vg1
{Vg2}
VG2+
BIAS
V5
-34V
B+4
V2
265V
B+3
V3
270V
B+2
V4
275V
B+2
274.99344V
R40
10k
265.12976V
C26
1µ
PREAMP_OUT
R37
1k
ECC88
UV5
R36
1Meg
R38
180
C27
1µ
R41
100k
R42
100k
9.7742777V
-986.36805µA
R39
10k
XLR OUT SWITCH
U13
Rt=100k set=1
NO JACK IN SEND AND RETURN
SEND OUT
BALANCED
RETURN OUT
UNBALANCED
MUTE SWITCH
R43
10Meg
R44
100k
GND A
B+2
274.99344V
R46
33k
R47
220k
299.89523V
UV7
GU50
L1
{{Rload}/50}
L2
133m
K2 L1 L2 0.99995
RX2
0.7
RX3
8
R53
0.2
R54
0.2
OUT_8_ohm
U14
Rt=100 set=0.5
5.8176536mA
-109.62356mA
R51
100k
15.460426V
D2
R50
1
G3
GND A
91.042969V
UV6
ECC88
C28
100n
R49
2.2k
R45
10k
2.0811169V
-6.5235854mA
R48
220K
D1
BIAS
R52
1k
VG2+