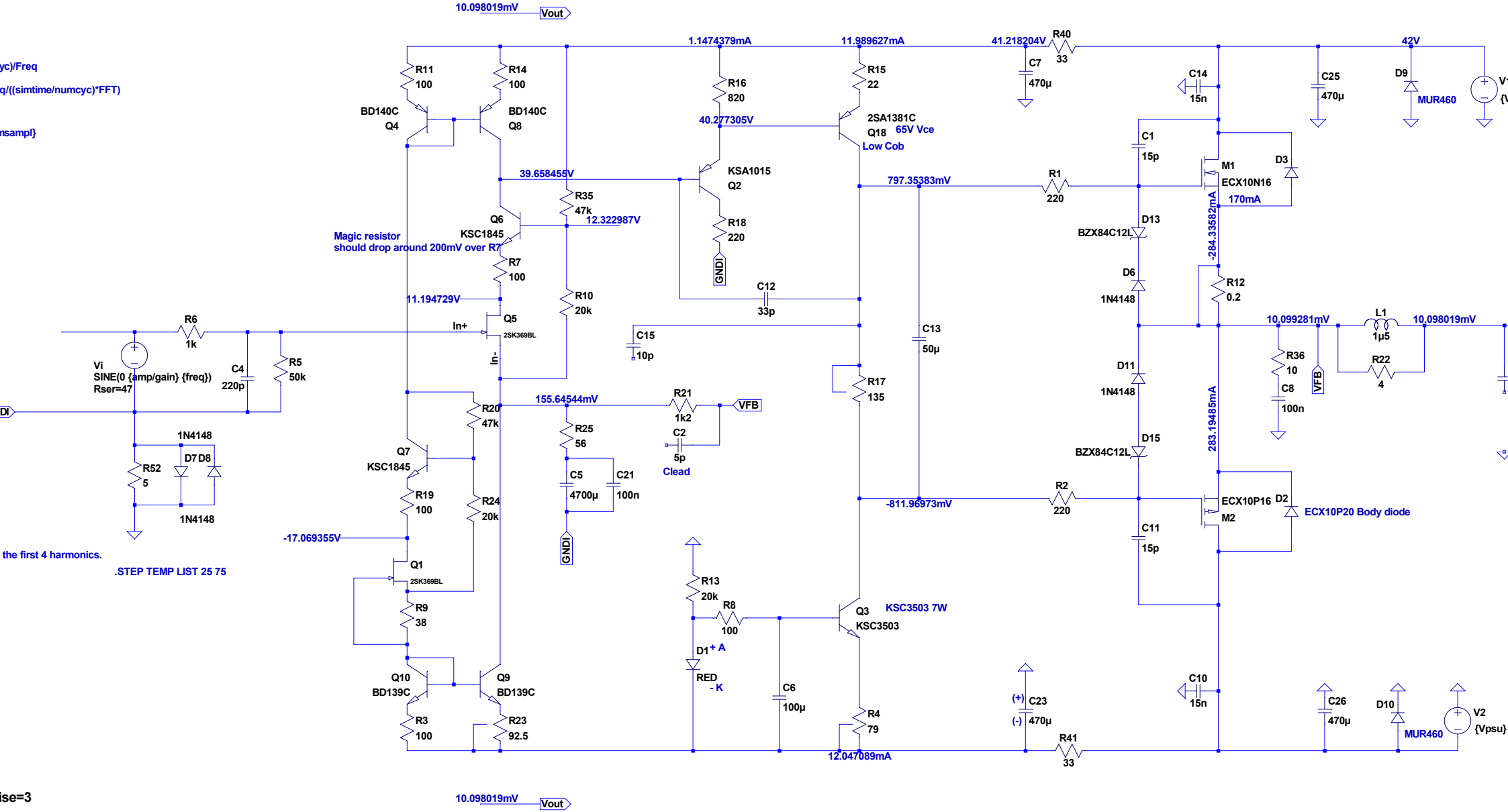
10.098019mV
Vout
1.1474379mA
11.989627mA
41.218204V
R40
33
42V
R11
100
R14
100
BD140C
Q4
BD140C
Q8
R16
820
R15
22
2SA1381C
Q18
65V Vce
Low Cob
40.277305V
C7
470µ
C14
15n
C25
470µ
D9
MUR460
C1
15p
M1
ECX10N16
D3
39.658455V
KSA1015
Q2
797.35383mV
R1
220
170mA
-284.33582mA
R35
47k
12.322987V
Q6
KSC1845
Magic resistor
should drop around 200mV over R7
R18
220
GNDI
R7
100
D13
BZX84C12L
D6
1N4148
R12
0.2
11.194729V
R10
20k
C12
33p
10.099281mV
L1
1µ5
10.098019mV
R6
1k
Q5
2SK369BL
In+
In-
C15
10p
C13
50µ
R17
135
R36
10
C8
100n
VFB
R22
4
Vi
SINE(0 {amp/gain} {freq})
Rser=47
C4
220p
R5
50k
155.64544mV
R21
1k2
VFB
R20
47k
R25
56
C2
5p
Clead
D11
1N4148
283.19485mA
D15
BZX84C12L
1N4148
R52
5
D7
D8
1N4148
Q7
KSC1845
R19
100
R24
20k
C5
4700µ
C21
100n
-811.96973mV
R2
220
ECX10P16
M2
D2
ECX10P20 Body diode
C11
15p
-17.069355V
Q1
2SK369BL
R13
20k
R8
100
Q3
KSC3503
KSC3503 7W
D1
RED
+ A
- K
R9
38
C6
100µ
C23
470µ
(+)
(-)
C10
15n
C26
470µ
D10
MUR460
V2
{Vpsu}
Q10
BD139C
Q9
BD139C
R4
79
R3
100
R23
92.5
R41
33
12.047089mA
10.098019mV
Vout
the first 4 harmonics.
.STEP TEMP LIST 25 75
yc)/Freq
q/((simtime/numcyc)*FFT)
nsampl}
ise=3
rise=3