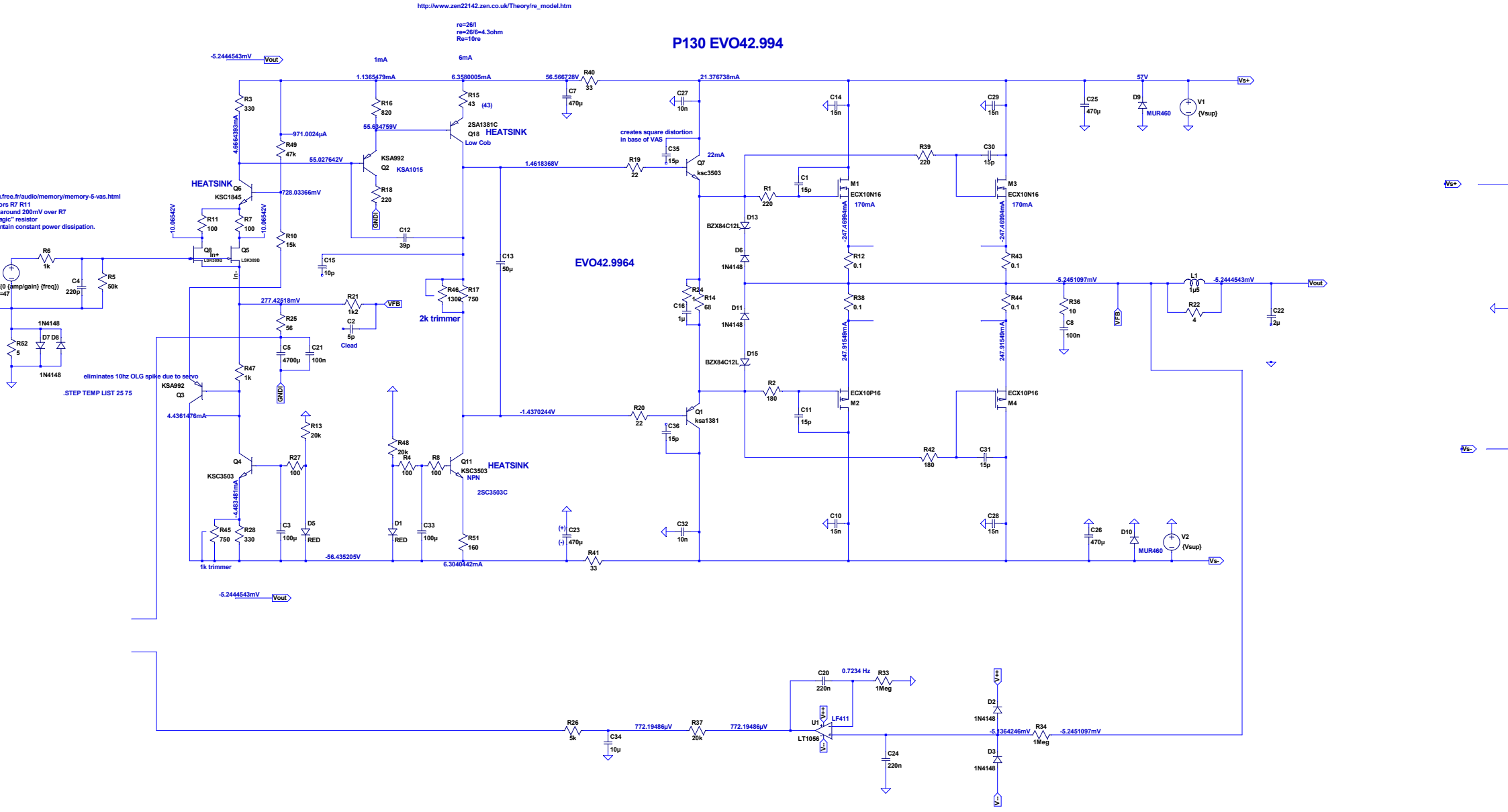
http://www.zen22142.zen.co.uk/Theory/re_model.htm
re=26/I
re=26/6=4.3ohm
Re=10re
P130 EVO42.994
EVO42.9964
1mA
6mA
-5.2444543mV
Vout
1.1365479mA
6.3580005mA
56.566728V
21.376738mA
57V
Vs+
Vs-
R40 33
C7 470µ
C27 10n
C14 15n
C29 15n
C25 470µ
D9 MUR460
V1 {Vsup}
R3 330
4.4664393mA
R16 820
R15 43 (43)
55.634759V
2SA1381C
Q18 HEATSINK
Low Cob
creates square distortion
in base of VAS
C35 15p
22mA
R39 220
C30 15p
-971.0024µA
R49 47k
55.027642V
KSA992
Q2 KSA1015
1.4618368V
R19 22
Q7 ksc3503
HEATSINK
Q6 KSC1845
728.03366mV
R18 220
GND
C12 39p
10.06542V
R11 100
R7 100
Q8
Q5
LSK389B
In+
In-
R10 15k
C15 10p
C13 50µ
R1 220
C1 15p
M1 ECX10N16
170mA
M3 ECX10N16
170mA
D13 BZX84C12L
D6 1N4148
R12 0.1
R43 0.1
-247.4699mA
R6 1k
C4 220p
R5 50k
R46 1300
R17 750
2k trimmer
277.42518mV
R21 1k2
VFB
C2 5p
Clead
R24 1
R14 68
C16 1µ
D11 1N4148
D15 BZX84C12L
R38 0.1
R44 0.1
247.91549mA
-5.2451097mV
R36 10
C8 100n
L1 1µ5
R22 4
-5.2444543mV
C22 2µ
1N4148
D7 D8
R52 5
1N4148
R25 56
C5 4700µ
C21 100n
eliminates 10hz OLG spike due to servo
KSA992
Q3
.STEP TEMP LIST 25 75
R47 1k
4.4361476mA
R13 20k
-1.4370244V
R20 22
Q1 ksa1381
C36 15p
R2 180
C11 15p
ECX10P16
M2
ECX10P16
M4
R42 180
C31 15p
Q4
KSC3503
R27 100
R48 20k
R4 100
R8 100
Q11 KSC3503 NPN
HEATSINK
2SC3503C
4.483481mA
R45 750
R28 330
C3 100µ
D5 RED
D1 RED
C33 100µ
R51 160
6.3040442mA
1k trimmer
-56.435205V
C23 470µ
R41 33
C32 10n
C10 15n
C28 15n
C26 470µ
D10 MUR460
V2 {Vsup}
C20 220n
0.7234 Hz
R33 1Meg
R26 5k
772.19486µV
R37 20k
772.19486µV
U1
LF411
LT1056
C34 10µ
C24 220n
D2 1N4148
D3 1N4148
-5.1364246mV
R34 1Meg
-5.2451097mV
.free.fr/audio/memory/memory-5-vas.html
ors R7 R11
around 200mV over R7
agic" resistor
ntain constant power dissipation.