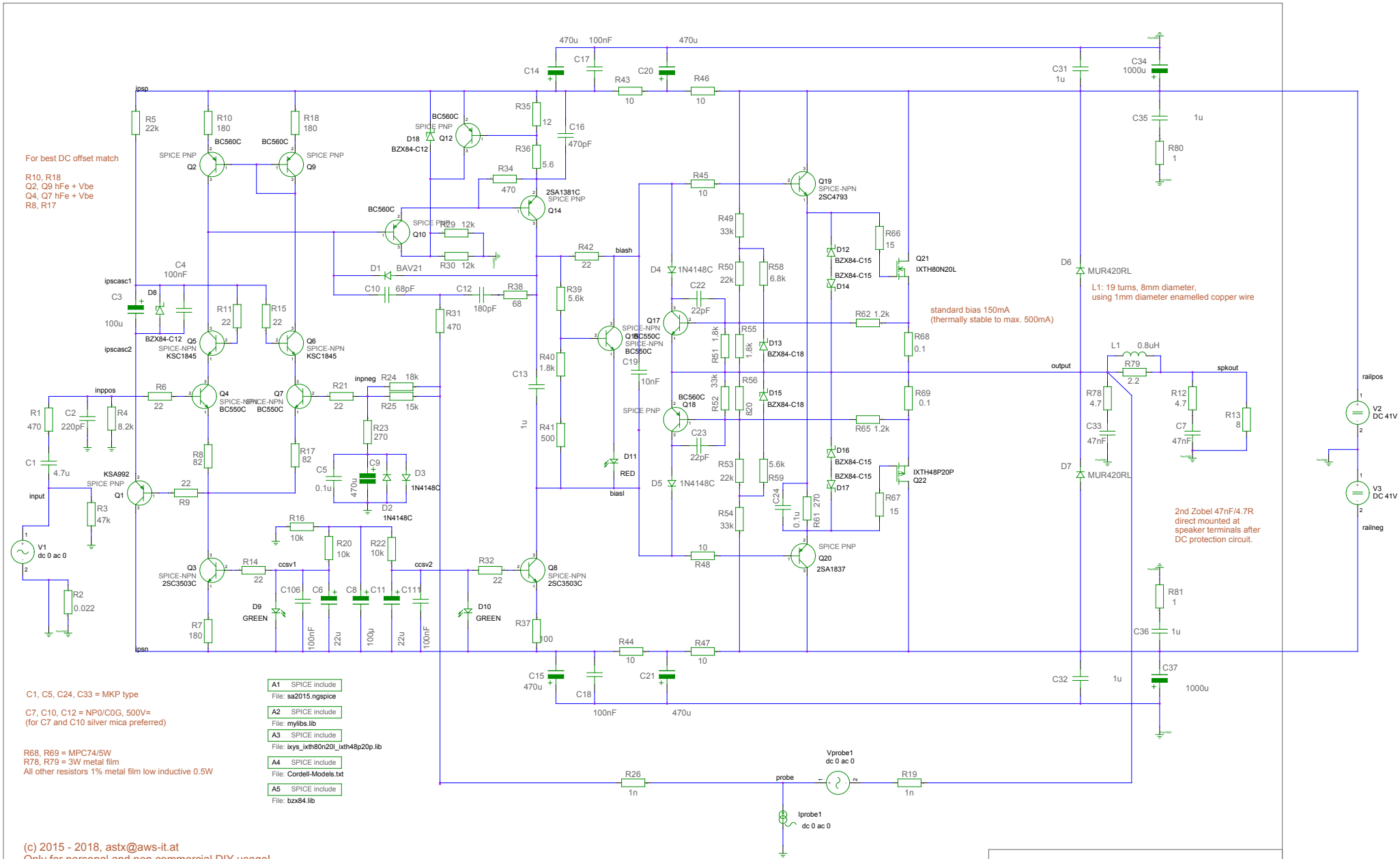
For best DC offset match
R10, R18
Q2, Q9 hFe + Vbe
Q4, Q7 hFe + Vbe
R8, R17
standard bias 150mA
(thermally stable to max. 500mA)
L1: 19 turns, 8mm diameter,
using 1mm diameter enamelled copper wire
2nd Zobel 47nF/4.7R
direct mounted at
speaker terminals after
DC protection circuit.
C1, C5, C24, C33 = MKP type
C7, C10, C12 = NP0/C0G, 500V=
(for C7 and C10 silver mica preferred)
R68, R69 = MPC74/5W
R78, R79 = 3W metal film
All other resistors 1% metal film low inductive 0.5W
A1 SPICE include File: sa2015.ngspice
A2 SPICE include File: mylibs.lib
A3 SPICE include File: ixys_ixth80n20l_ixth48p20p.lib
A4 SPICE include File: Cordell-Models.txt
A5 SPICE include File: bzx84.lib
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TITLE Preliminary - Discrete Class AB MOSFET Power Amplifier
FILE: sa2015_v_mosfet_ixys_single.sch
REVISION: 1.2, 2017.04.17
PAGE 1 OF 1
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