

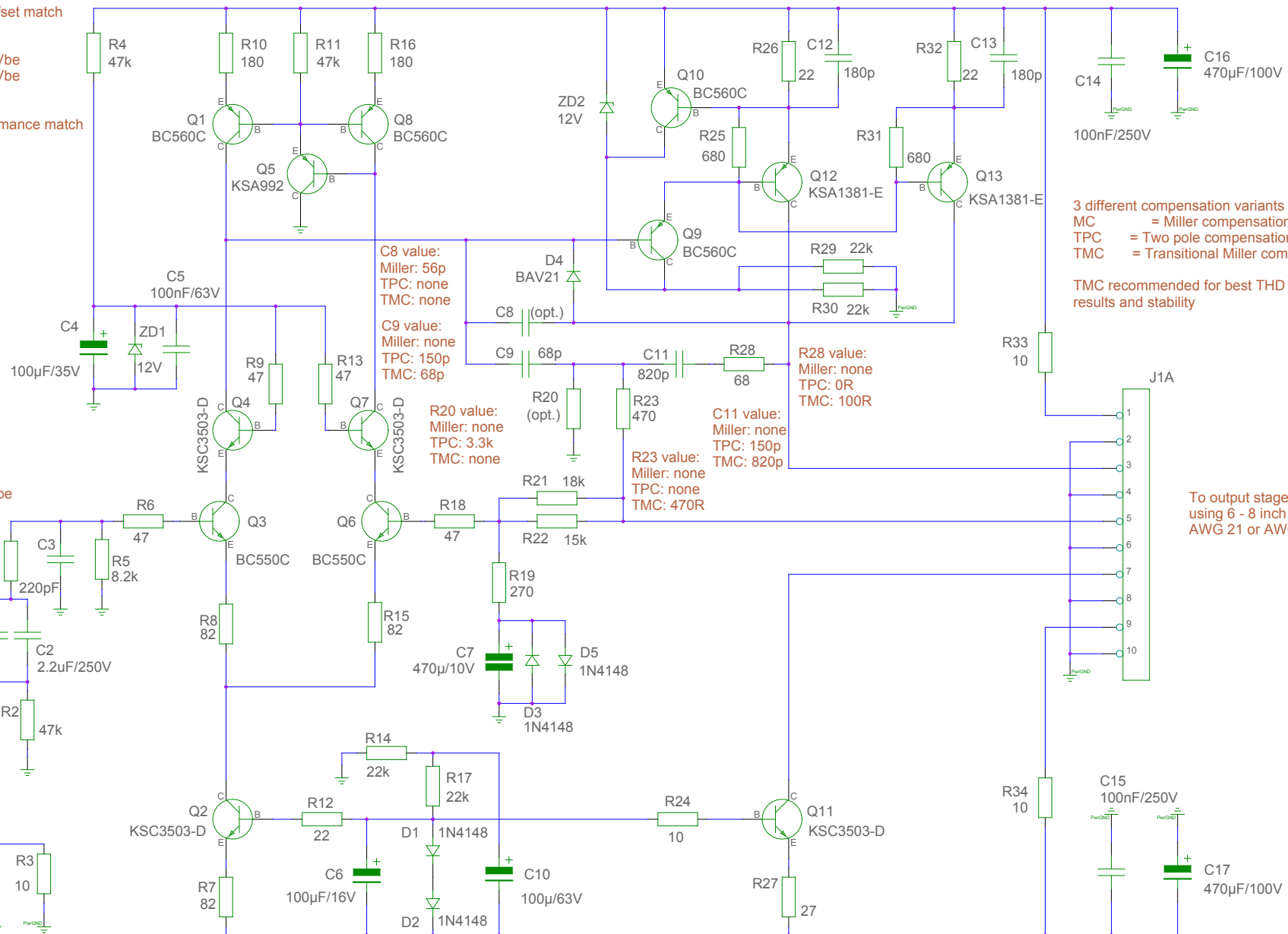
For best DC offset match

R10, R16
Q1, Q8 hFe + Vbe
Q3, Q6 hFe + Vbe
R8, R15

For best performance match
R26, R32
Q12, Q13

C1, C2 MKP type

INPUT



C8, C9, C11 = NP0/C0G, 500V=
(for C8 or C9 silver mica preferred)

All resistors 1% metal film low inductive 0.6W

Alternative CCS:

a small mod of the input stage helps to stabilize the CCS currents for a wide temperature range:
Replace the 2 x 1N4148 for the CCS sources by one green LED (D1=LED; D2=wire).
Use R7=180R and R27=68R instead of R7=82R and R27=27R

3 different compensation variants are possible:
MC = Miller compensation
TPC = Two pole compensation
TMC = Transitional Miller compensation

TMC recommended for best THD
results and stability

To output stage connector J1B
using 6 - 8 inch ribbon cable
AWG 21 or AWG 22

TITLE Discrete Class AB Power Amplifier - Input and VAS

FILE: sa2014_input_vas_stage.sch REVISION: 3.4.2-1487, 2018.09.29

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