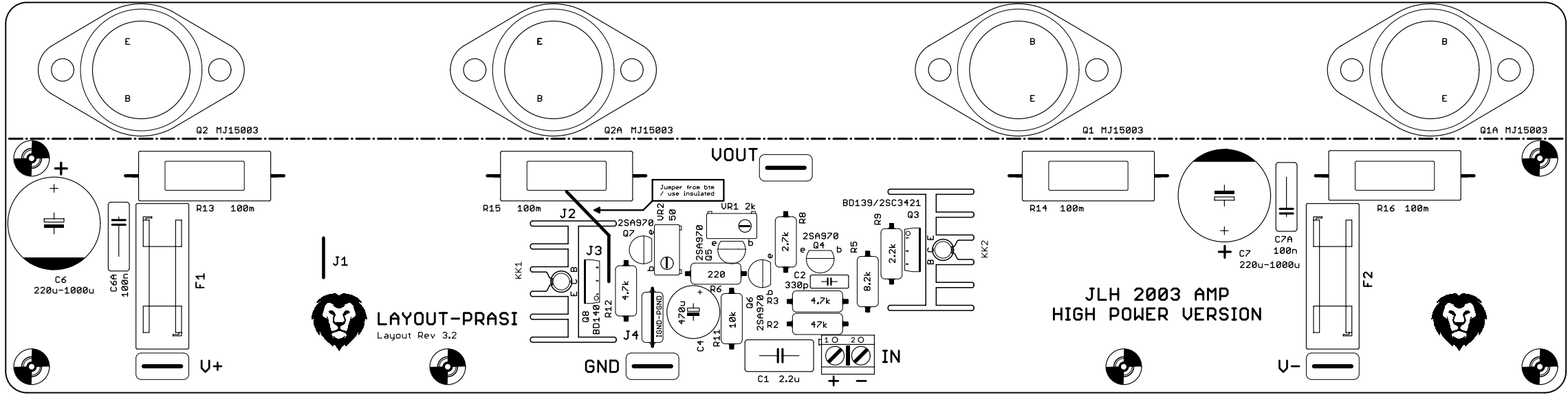
Q2 MJ15003
Q2A MJ15003
Q1 MJ15003
Q1A MJ15003
E
B
B
E
B
E
B
E
VOUT
Jumper from btm
/ use insulated
R15 100m
R14 100m
R13 100m
R16 100m
J2
J3
J1
J4
VR2
50
VR1 2k
2SA970
Q7
Q5
Q4
BD139/2SC3421
Q3
KK1
KK2
Q8
BD140
R12
4.7k
220
R6
470u
C4
R11
10k
Q6
R3
4.7k
R2
47k
R8
2.7k
R5
8.2k
R9
2.2k
C2
330p
C1 2.2u
C6
220u-1000u
C6A
100n
C7
220u-1000u
C7A
100n
F1
F2
V+
V-
GND
IN
IGND-PGND
LAYOUT-PRASI
Layout Rev 3.2
JLH 2003 AMP
HIGH POWER VERSION