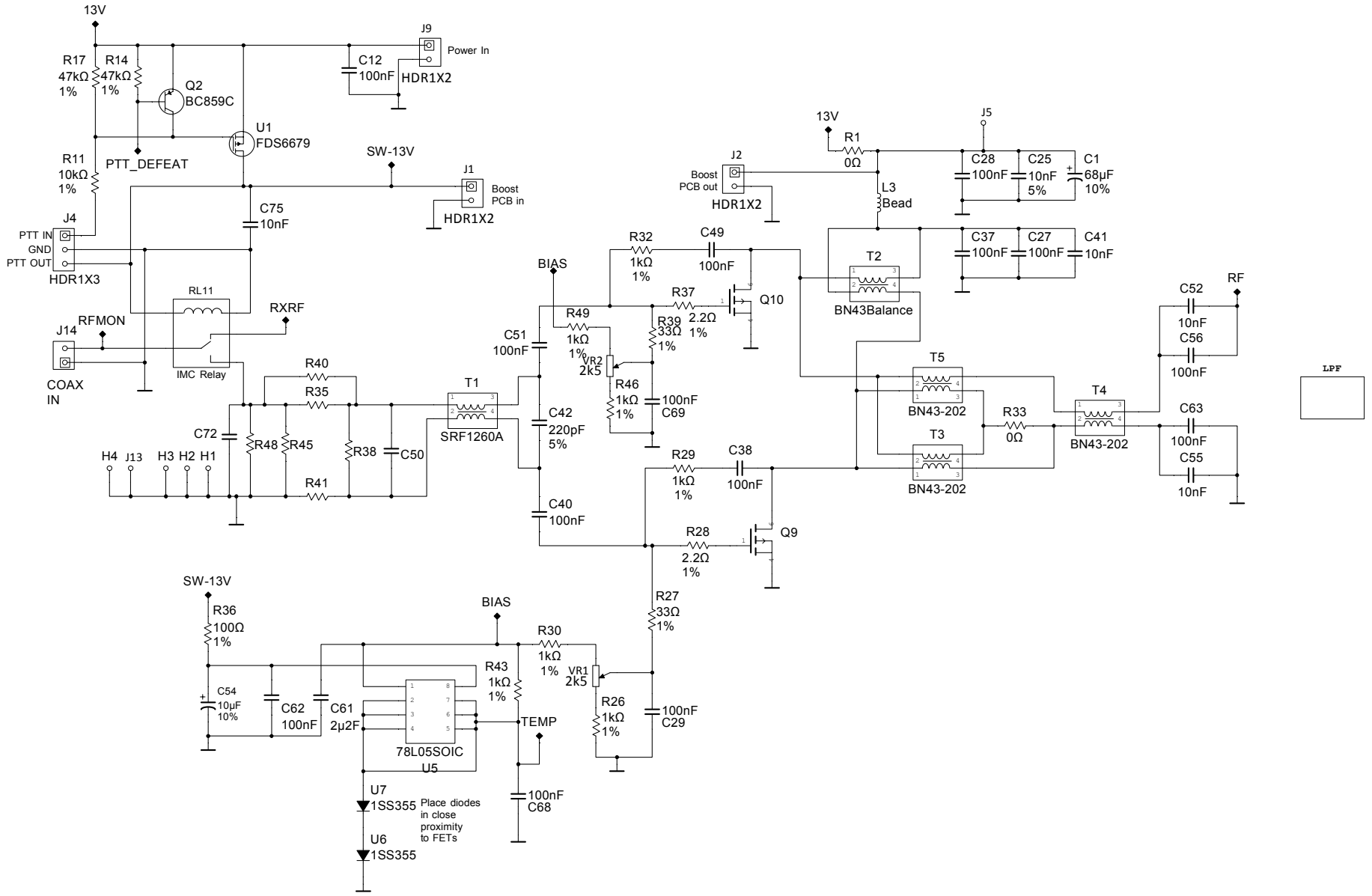
13V
J9
Power In
R17
47kΩ
1%
R14
47kΩ
1%
Q2
BC859C
C12
100nF
HDR1X2
U1
FDS6679
PTT_DEFEAT
SW-13V
J1
Boost
PCB in
HDR1X2
R11
10kΩ
1%
C75
10nF
J4
PTT IN
GND
PTT OUT
HDR1X3
RL11
IMC Relay
RXRF
RFMON
J14
COAX
IN
R40
R35
C72
R48
R45
R38
C50
R41
H4
J13
H3
H2
H1
T1
SRF1260A
BIAS
R32
1kΩ
1%
C49
100nF
R37
2.2Ω
1%
Q10
R49
1kΩ
1%
R39
33Ω
1%
C51
100nF
VR2
2k5
R46
1kΩ
1%
C69
100nF
C42
220pF
5%
C40
100nF
R29
1kΩ
1%
C38
100nF
R28
2.2Ω
1%
Q9
R27
33Ω
1%
SW-13V
R36
100Ω
1%
BIAS
R30
1kΩ
1%
VR1
2k5
R43
1kΩ
1%
C54
10µF
10%
C62
100nF
C61
2µ2F
78L05SOIC
U5
TEMP
R26
1kΩ
1%
C29
100nF
U7
1SS355
Place diodes
in close
proximity
to FETs
U6
1SS355
C68
100nF
13V
J5
R1
0Ω
J2
Boost
PCB out
HDR1X2
L3
Bead
C28
100nF
C25
10nF
5%
C1
68µF
10%
C37
100nF
C27
100nF
C41
10nF
T2
BN43Balance
T5
BN43-202
T3
BN43-202
R33
0Ω
T4
BN43-202
C52
10nF
C56
100nF
C63
100nF
C55
10nF
RF
LPF