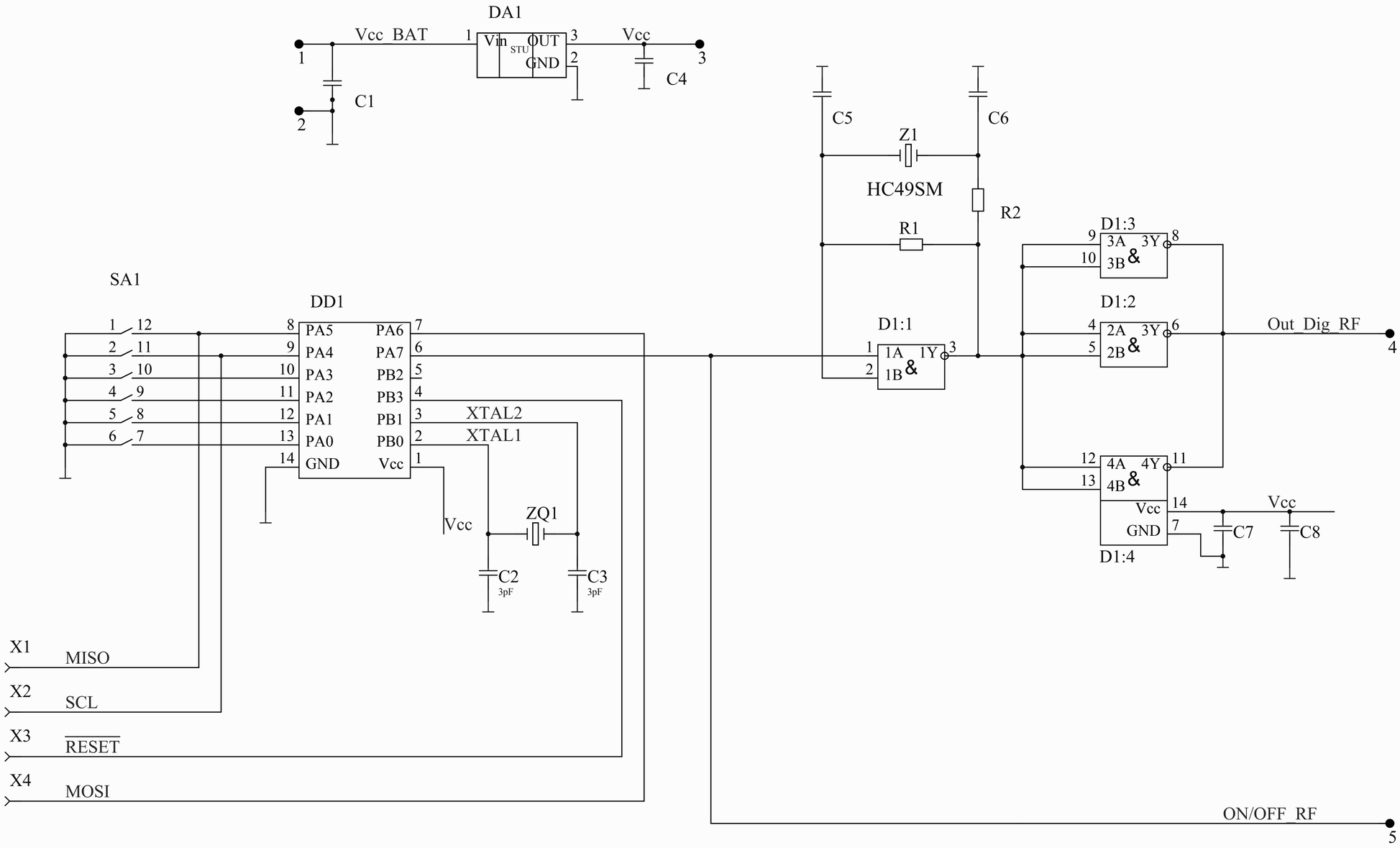
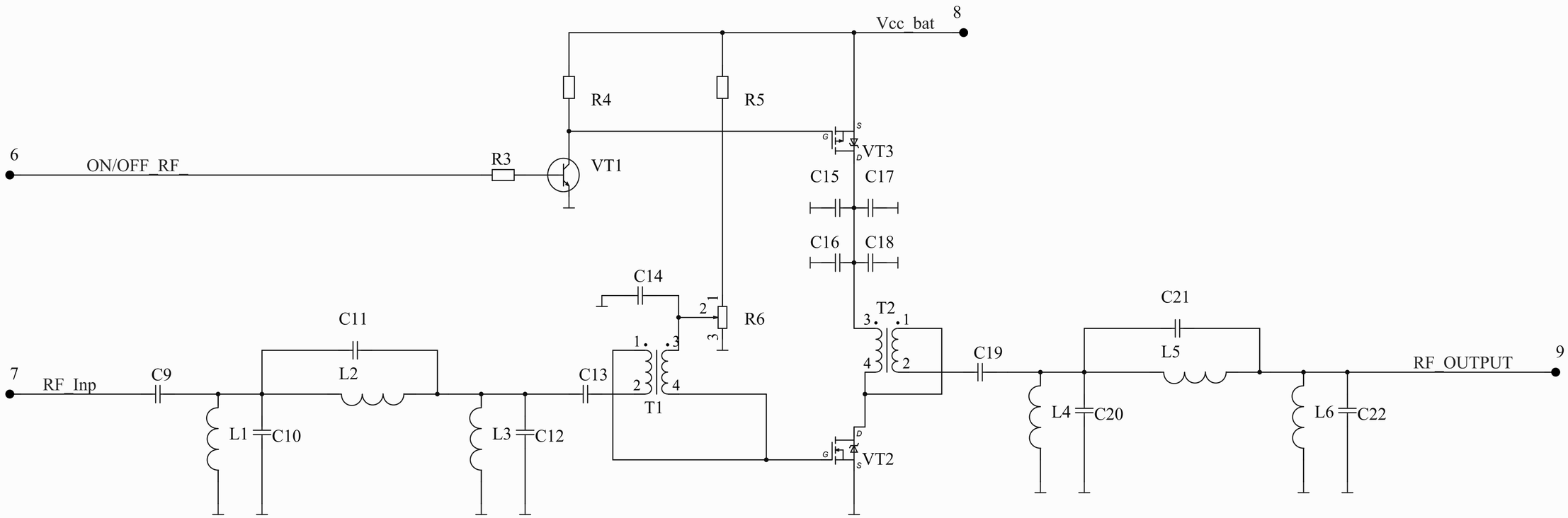
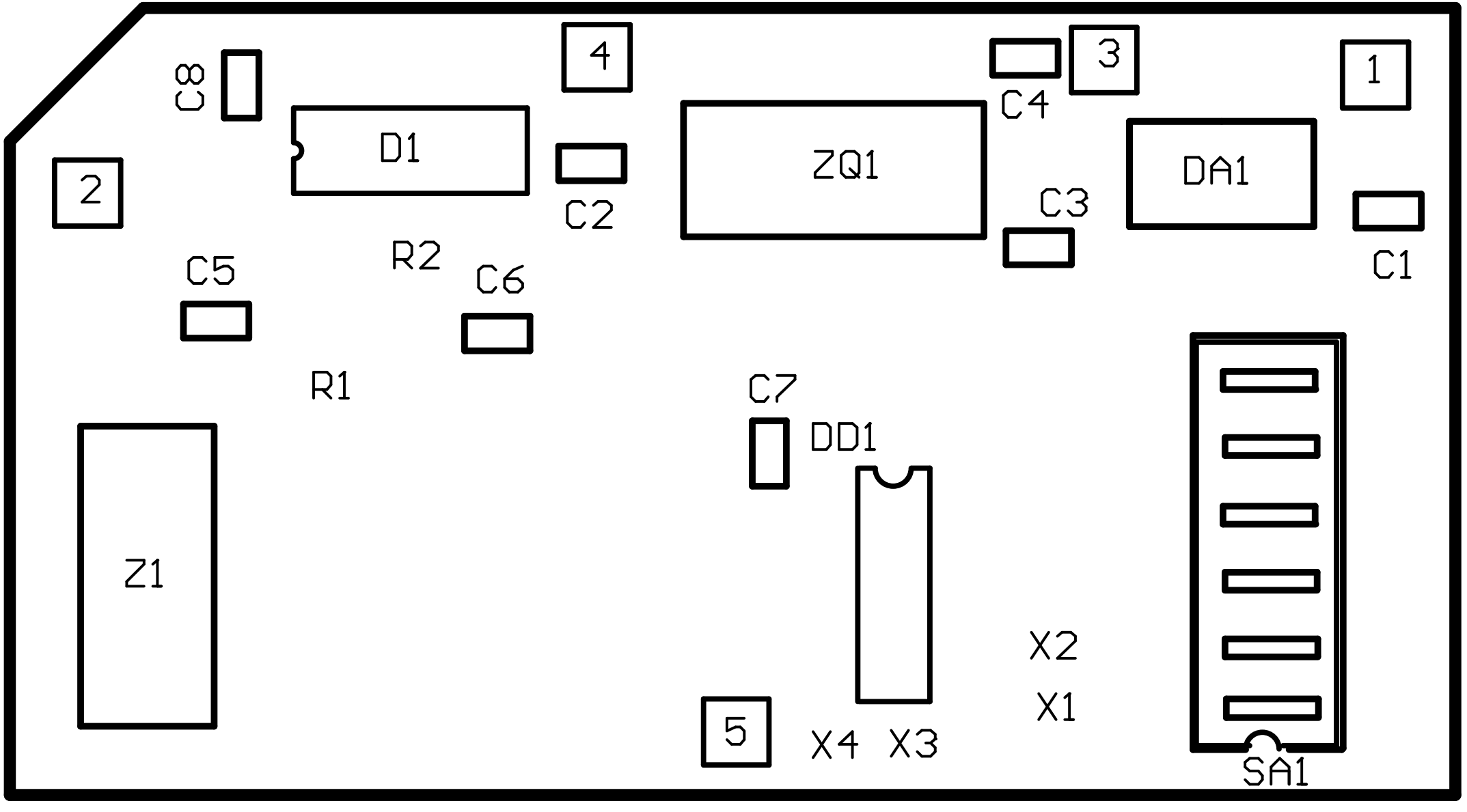
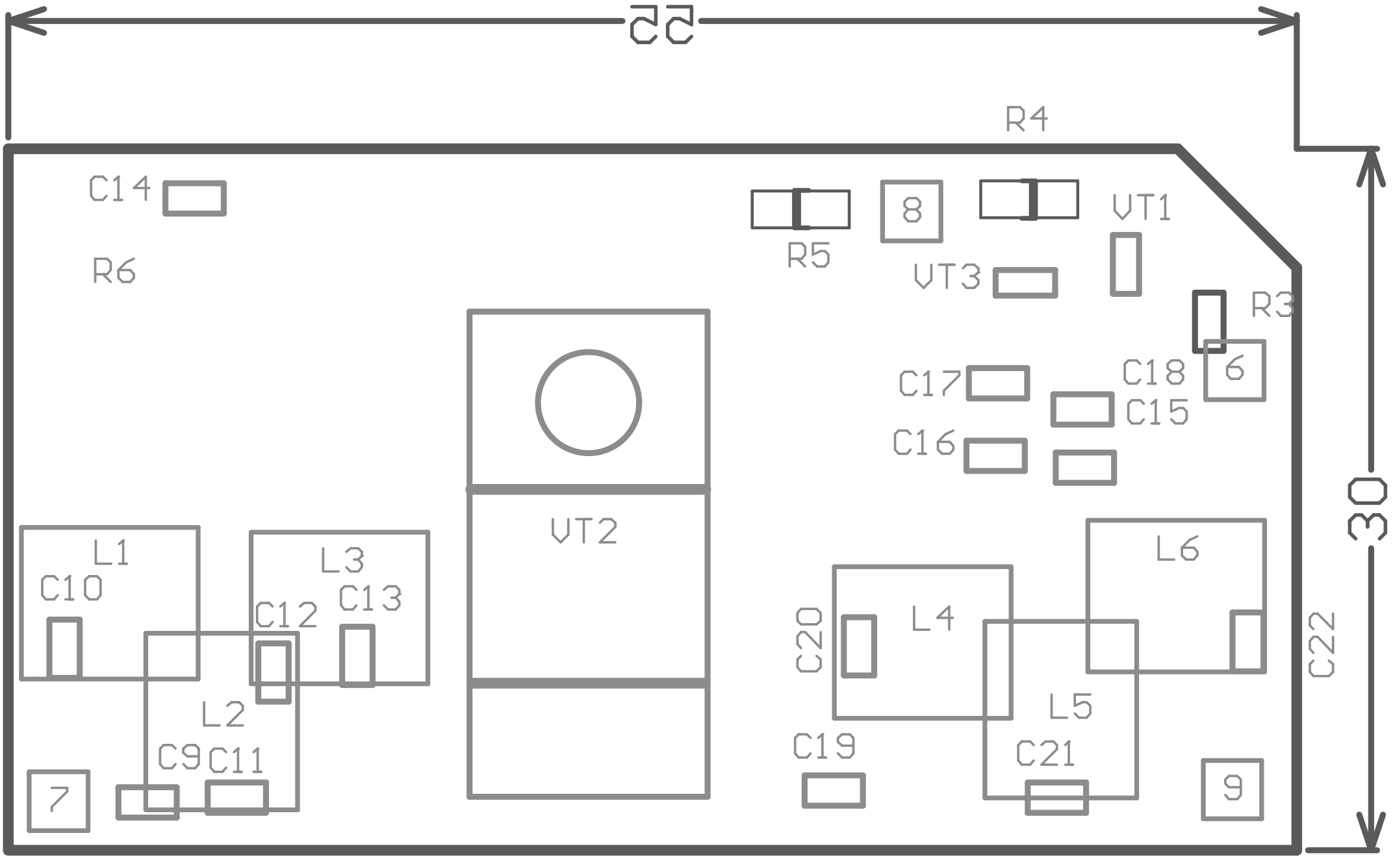

DA1
Vcc_BAT
1
Vin
STU
OUT
GND
3
2
Vcc
3
1
2
C1
C4
C5
C6
Z1
HC49SM
R1
R2
SA1
DD1
1
12
2
11
3
10
4
9
5
8
6
7
8
PA5
9
PA4
10
PA3
11
PA2
12
PA1
13
PA0
14
GND
PA6
7
PA7
6
PB2
5
PB3
4
PB1
3
PB0
2
Vcc
1
XTAL2
XTAL1
ZQ1
Vcc
C2
3pF
C3
3pF
D1:1
1
1A
1Y
3
2
1B
&
D1:3
9
3A
3Y
8
10
3B
&
D1:2
4
2A
3Y
6
5
2B
&
Out_Dig_RF
4
12
4A
4Y
11
13
4B
&
Vcc
14
GND
7
C7
Vcc
C8
D1:4
X1
MISO
X2
SCL
X3
RESET
X4
MOSI
ON/OFF_RF
5

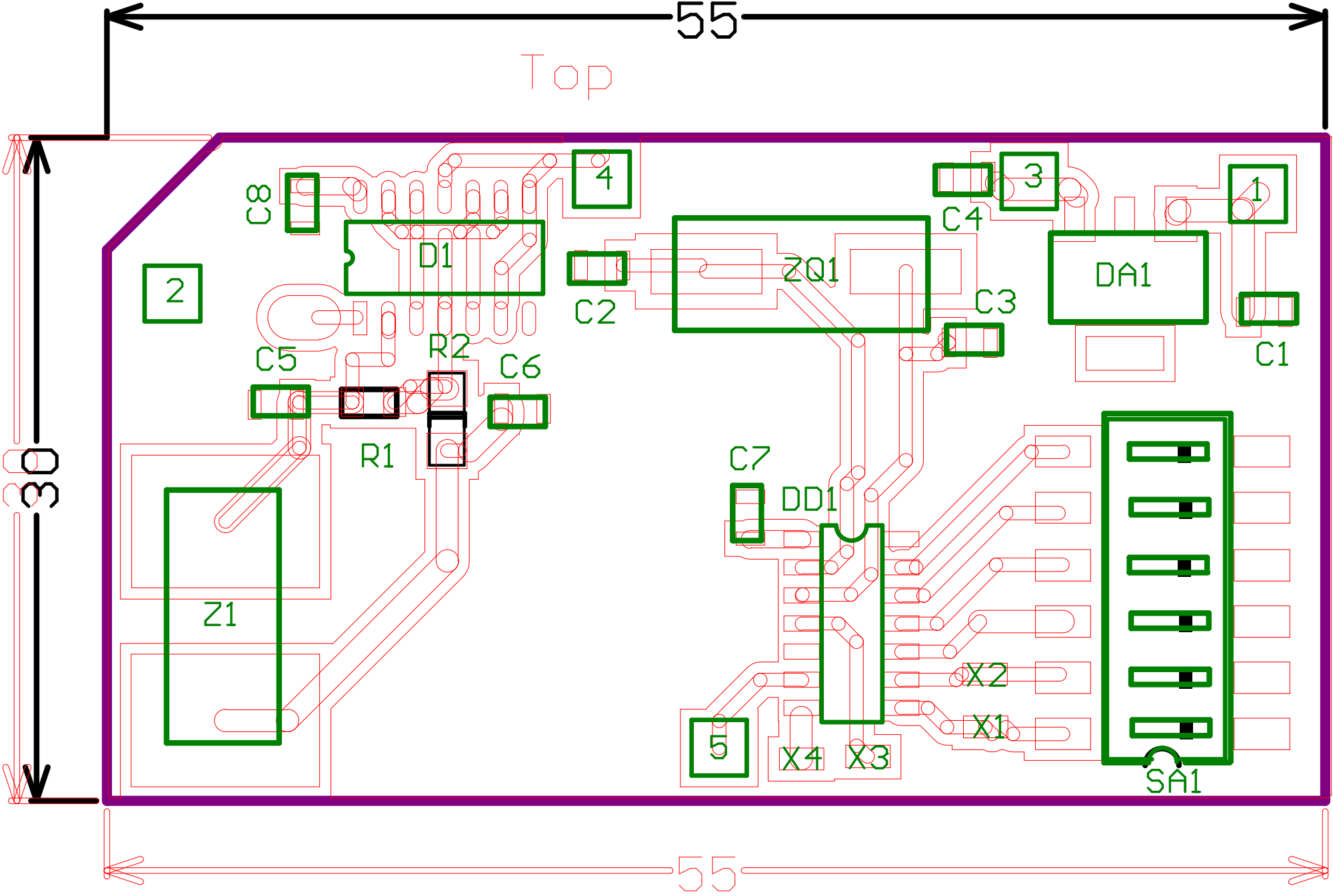

8
Vcc_bat
R4
R5
6
ON/OFF_RF
R3
VT1
VT3
C15
C17
C16
C18
C14
R6
T2
C21
C11
7
RF_Inp
C9
L2
C13
T1
C19
L5
RF_OUTPUT
9
L4
C20
L6
C22
L1
C10
L3
C12
VT2

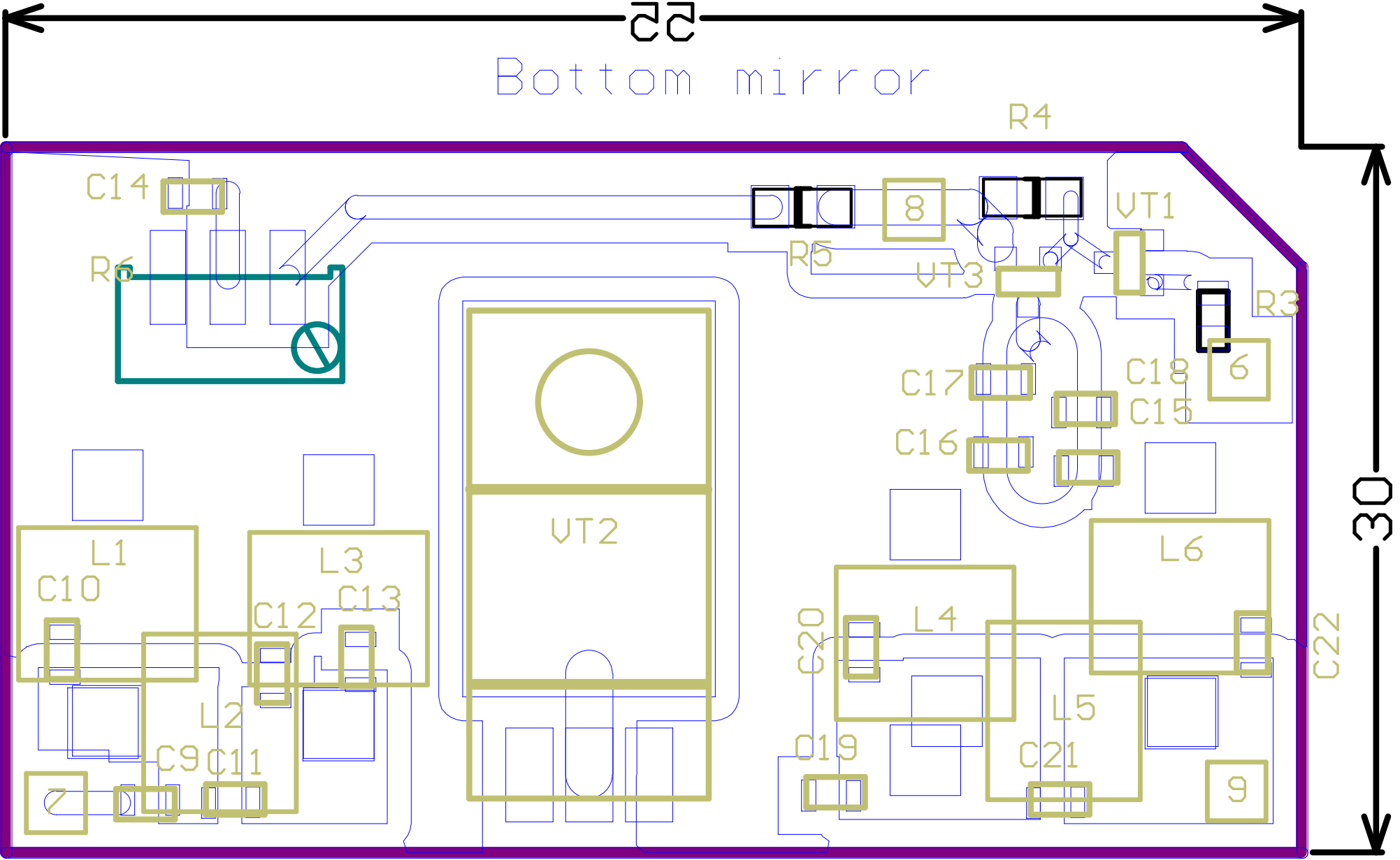

C8
4
3
1
D1
C4
2
ZQ1
DA1
C2
C3
C1
R2
C5
C6
R1
C7
DD1
Z1
X2
X1
5
X4
X3
SA1


22
R4
C14
R6
R5
8
VT1
VT3
R3
C17
C18
6
C15
C16
VT2
L1
C10
L3
C13
C12
L2
C9
C11
7
L6
C20
L4
L5
C19
C21
9
C22
30

Top
30
55

Bottom mirror


55
Top
30
C8
D1
4
3
C4
1
2
C2
ZQ1
DA1
C3
C1
C5
R2
C6
R1
C7
DD1
Z1
X2
X1
5
X4
X3
SA1
55


22
Bottom mirror
30
R4
C14
R6
8
R5
VT1
VT3
R3
C17
C18
6
C15
C16
VT2
L1
C10
L3
C12
C13
L6
L4
C20
C22
L2
L5
C9
C11
C19
C21
9