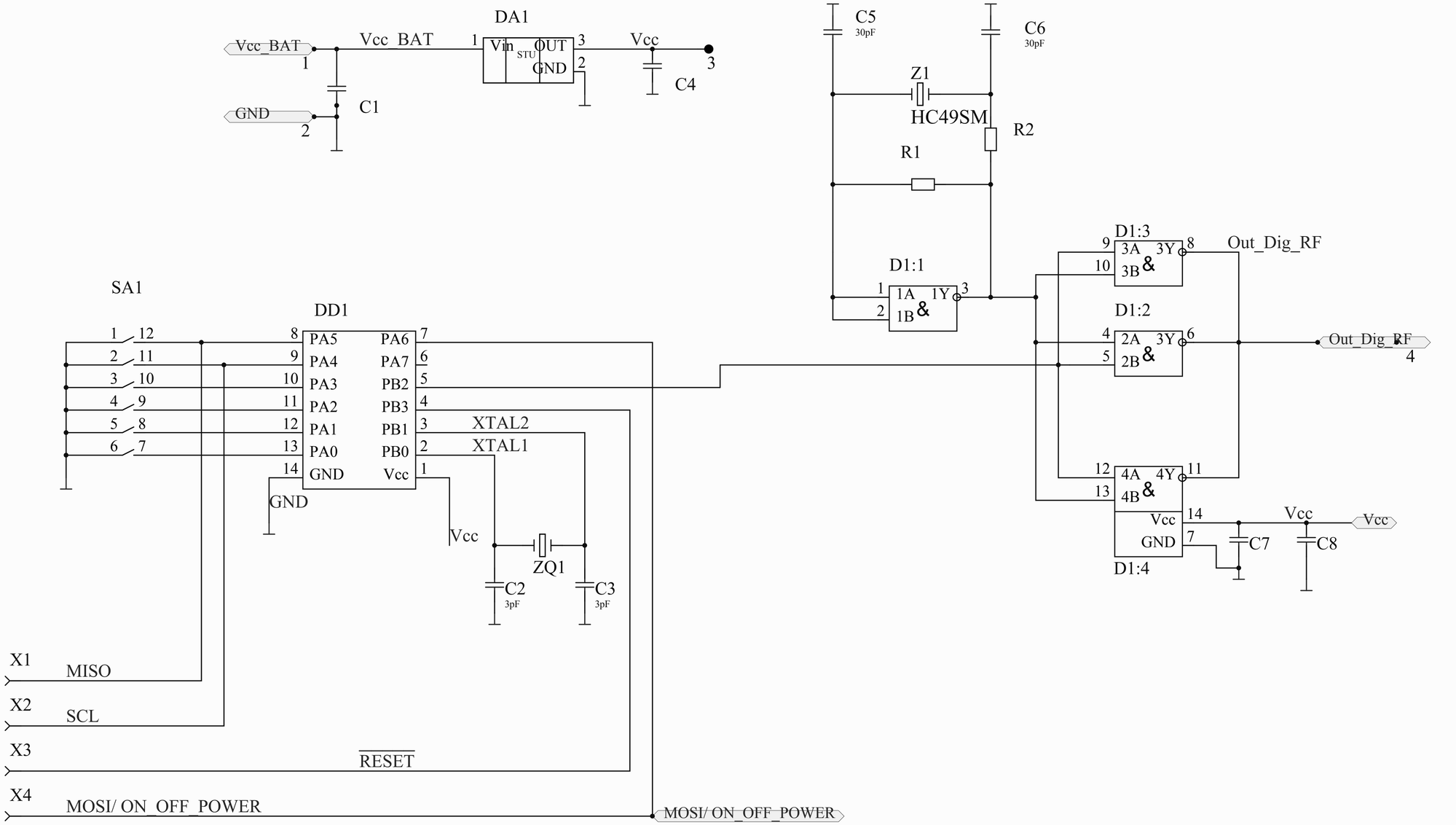
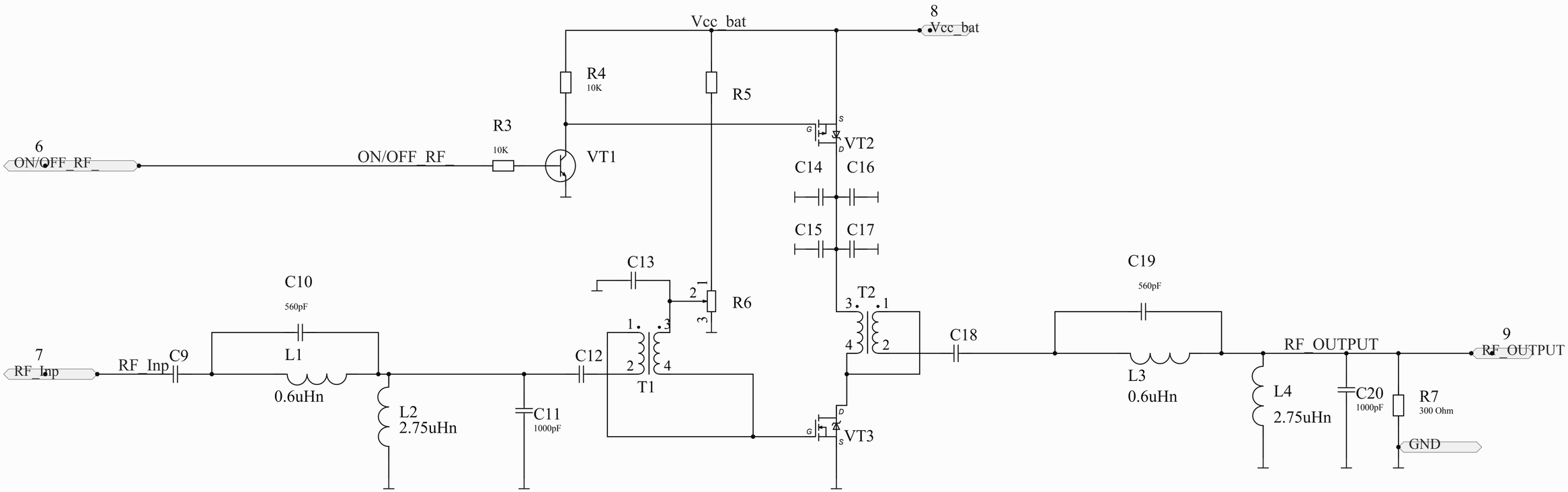
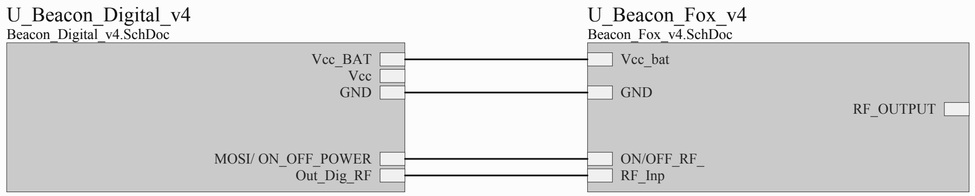
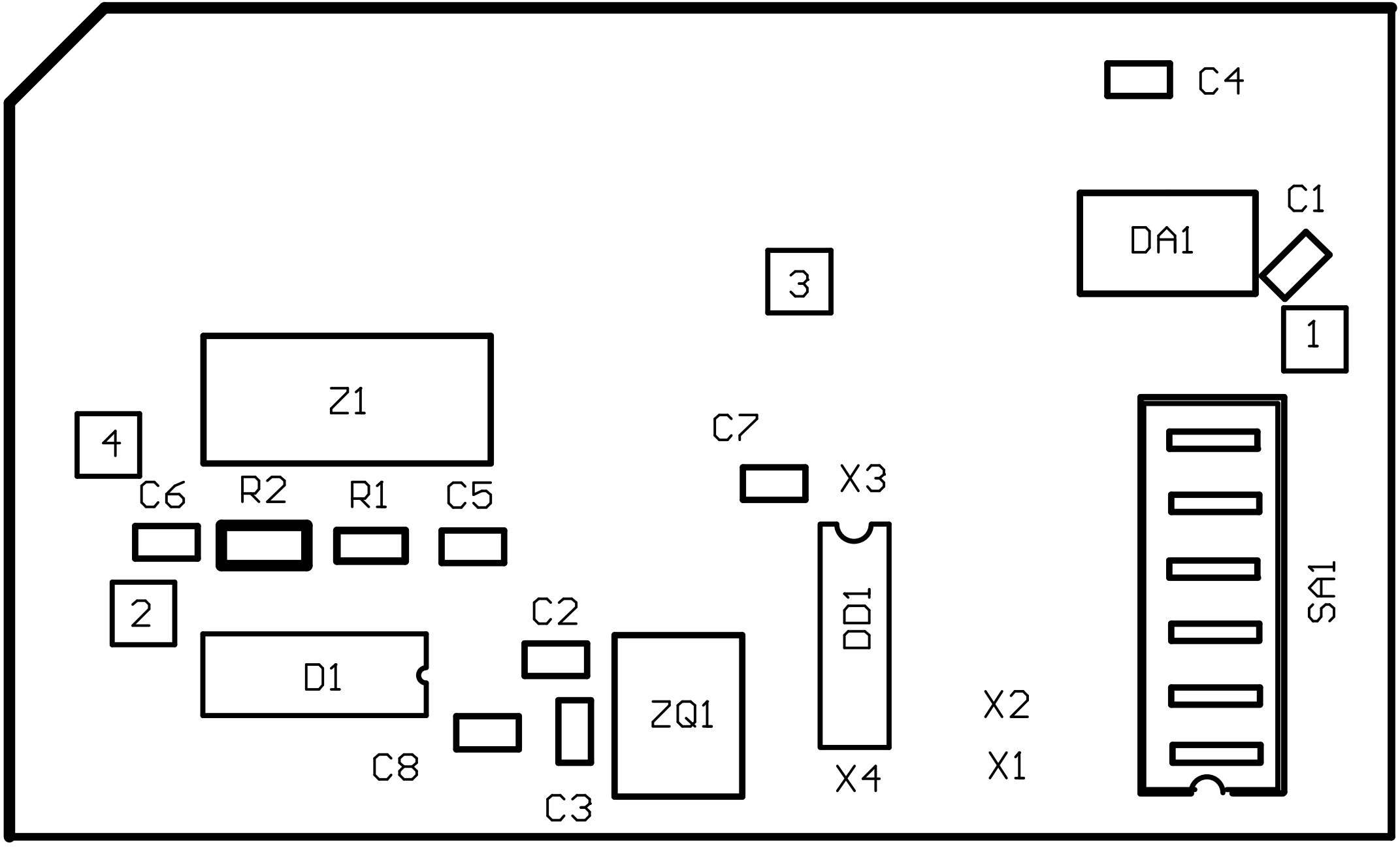
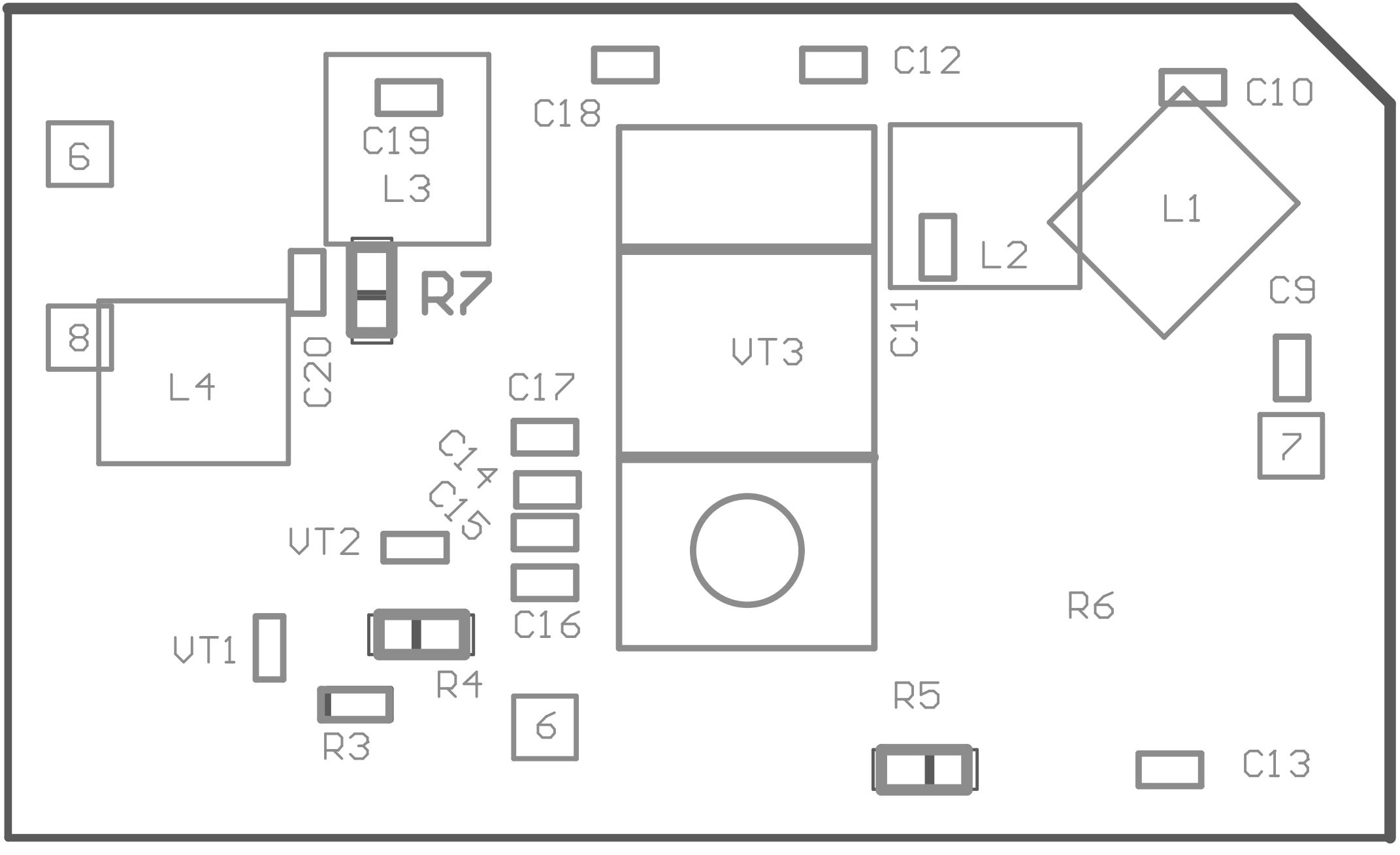

DA1
Vcc_BAT
Vcc_BAT
1
Vin
STU
OUT
GND
3
2
Vcc
3
C4
C1
GND
2
C5
30pF
C6
30pF
Z1
HC49SM
R2
R1
D1:3
9
3A
3Y
8
Out_Dig_RF
10
3B
&
D1:1
1
1A
1Y
3
2
1B
&
D1:2
4
2A
3Y
6
Out_Dig_RF
4
5
2B
&
SA1
DD1
1
12
2
11
3
10
4
9
5
8
6
7
8
PA5
PA6
7
9
PA4
PA7
6
10
PA3
PB2
5
11
PA2
PB3
4
12
PA1
PB1
3
XTAL2
13
PA0
PB0
2
XTAL1
14
GND
Vcc
1
GND
Vcc
ZQ1
C2
3pF
C3
3pF
12
4A
4Y
11
13
4B
&
Vcc
14
Vcc
Vcc
GND
7
C7
C8
D1:4
X1
MISO
X2
SCL
X3
RESET
X4
MOSI/ ON_OFF_POWER
MOSI/ ON_OFF_POWER


8
Vcc_bat
Vcc_bat
R4
10K
R5
R3
10K
6
ON/OFF_RF
ON/OFF_RF
VT1
VT2
C14
C16
C15
C17
C13
C10
560pF
R6
T2
C19
560pF
7
RF_Inp
RF_Inp
C9
L1
0.6uHn
C12
T1
C18
RF_OUTPUT
9
RF_OUTPUT
L2
2.75uHn
C11
1000pF
VT3
L3
0.6uHn
L4
2.75uHn
C20
1000pF
R7
300 Ohm
GND

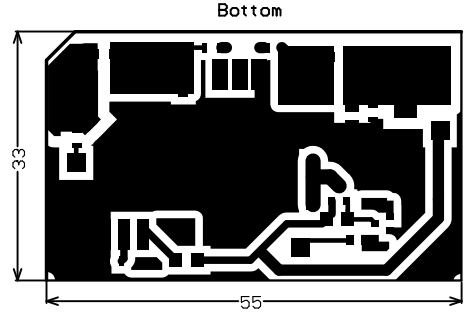


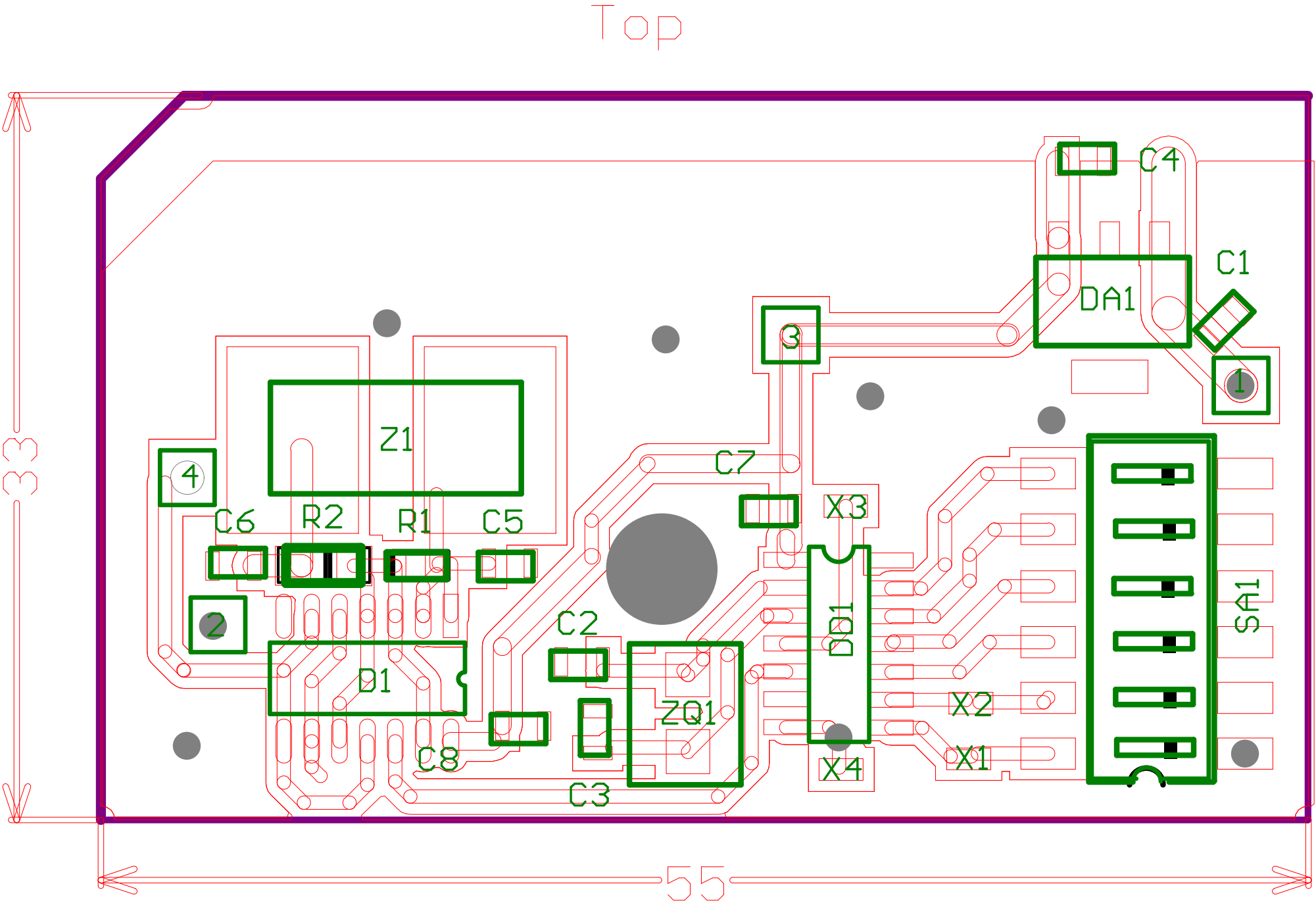
Title		
Size A3	Number	Revision
Date: 05.02.2016		Sheet of
File: D:\Shirokikh_Serega\..\Top.SchDoc		Drawn By:

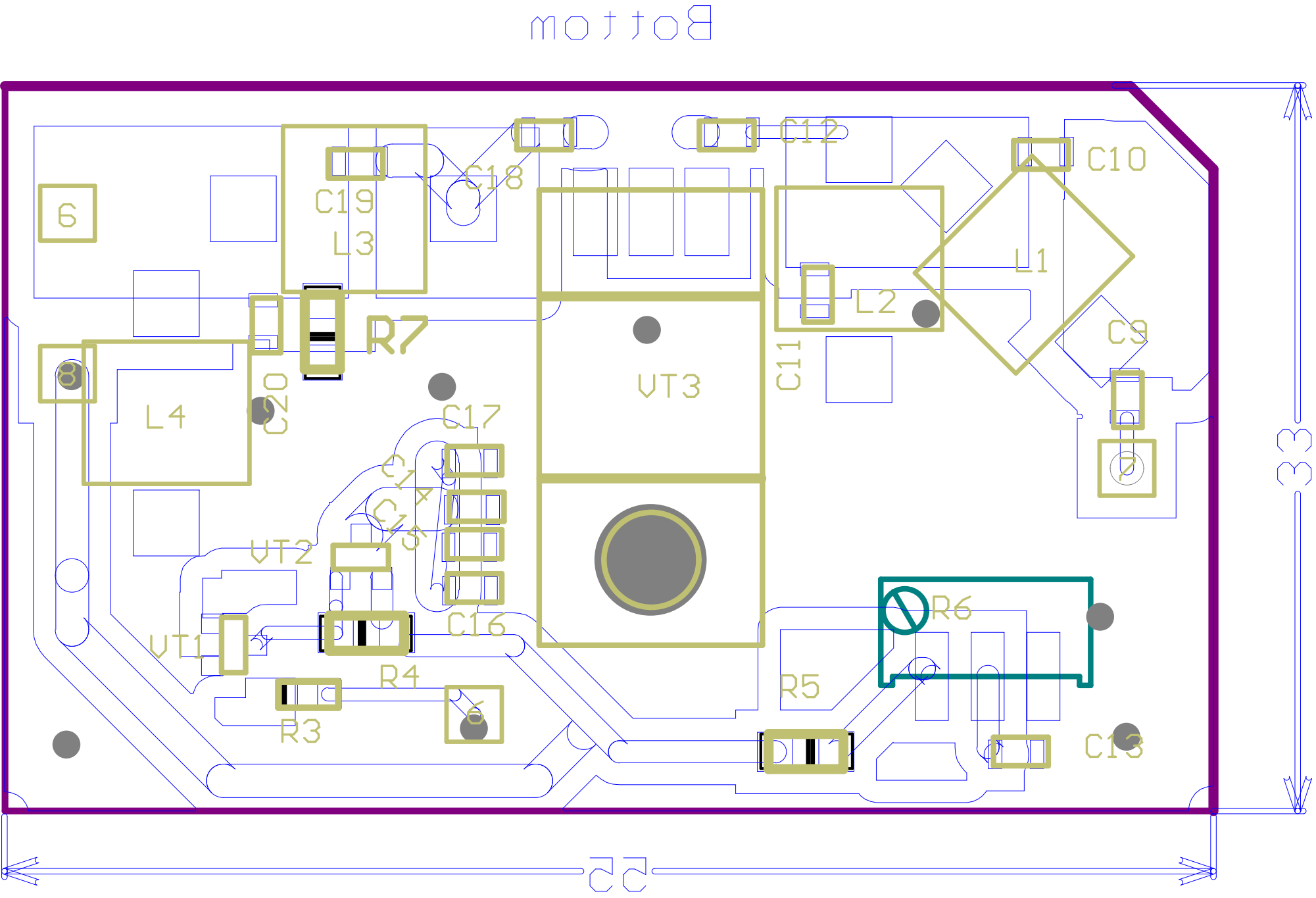

C4
C1
DA1
3
1
Z1
4
C7
X3
C6
R2
R1
C5
2
C2
DD1
SA1
D1
ZQ1
X2
C8
X4
X1
C3


C18
C12
C10
C19
L3
6
L1
L2
R7
C9
8
L4
C20
VT3
C11
C17
7
C14
C15
VT2
C16
R6
VT1
R4
R5
R3
6
C13

Top


Bottom
33
55


Top
C4
C1
DA1
3
1
Z1
4
C7
X3
C6
R2
R1
C5
2
C2
D1
ZQ1
BQ1
X2
X1
SA1
C8
C3
X4
33
55


motto8
C12
C10
C18
C19
L3
6
L1
L2
R7
C9
C11
VT3
8
L4
C20
C17
C14
C15
VT2
R6
VT1
C16
R4
R5
R3
6
C13
33
22