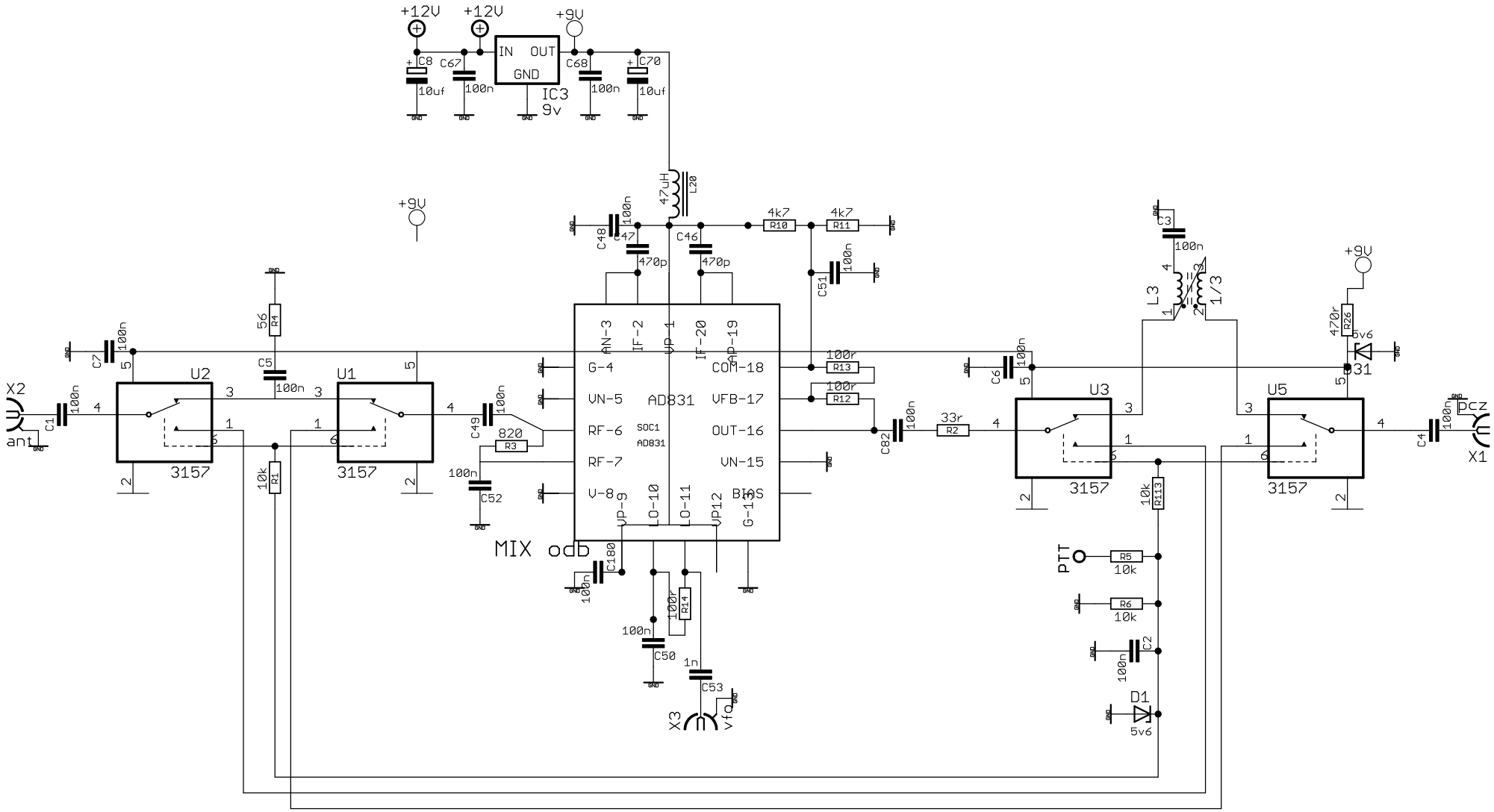
+12V
+12V
+9V
IN
OUT
GND
IC3
9v
C8
10uf
C67
100n
C68
100n
C70
10uf
47uH
L20
C48
100n
C47
470p
C46
470p
4k7
R10
4k7
R11
C51
100n
+9V
56
R4
C5
100n
C7
100n
X2
ant
C1
100n
U2
3157
U1
3157
10k
R1
C49
100n
820
R3
C52
100n
AN-3
IF-2
VP-1
IF-20
AP-19
G-4
COM-18
VN-5
AD831
VFB-17
RF-6
SOC1
AD831
OUT-16
RF-7
VN-15
V-8
VP-9
LO-10
LO-11
VP12
BIAS
G-13
MIX odb
C180
100n
100r
R14
100n
C50
1n
C53
X3
vfo
100r
R13
100r
R12
C82
100n
33r
R2
C6
100n
U3
3157
10k
R113
PTT
R5
10k
R6
10k
C2
100n
D1
5v6
C3
100n
L3
1/3
+9V
470r
R26
5v6
D31
U5
3157
C4
100n
DCZ
X1