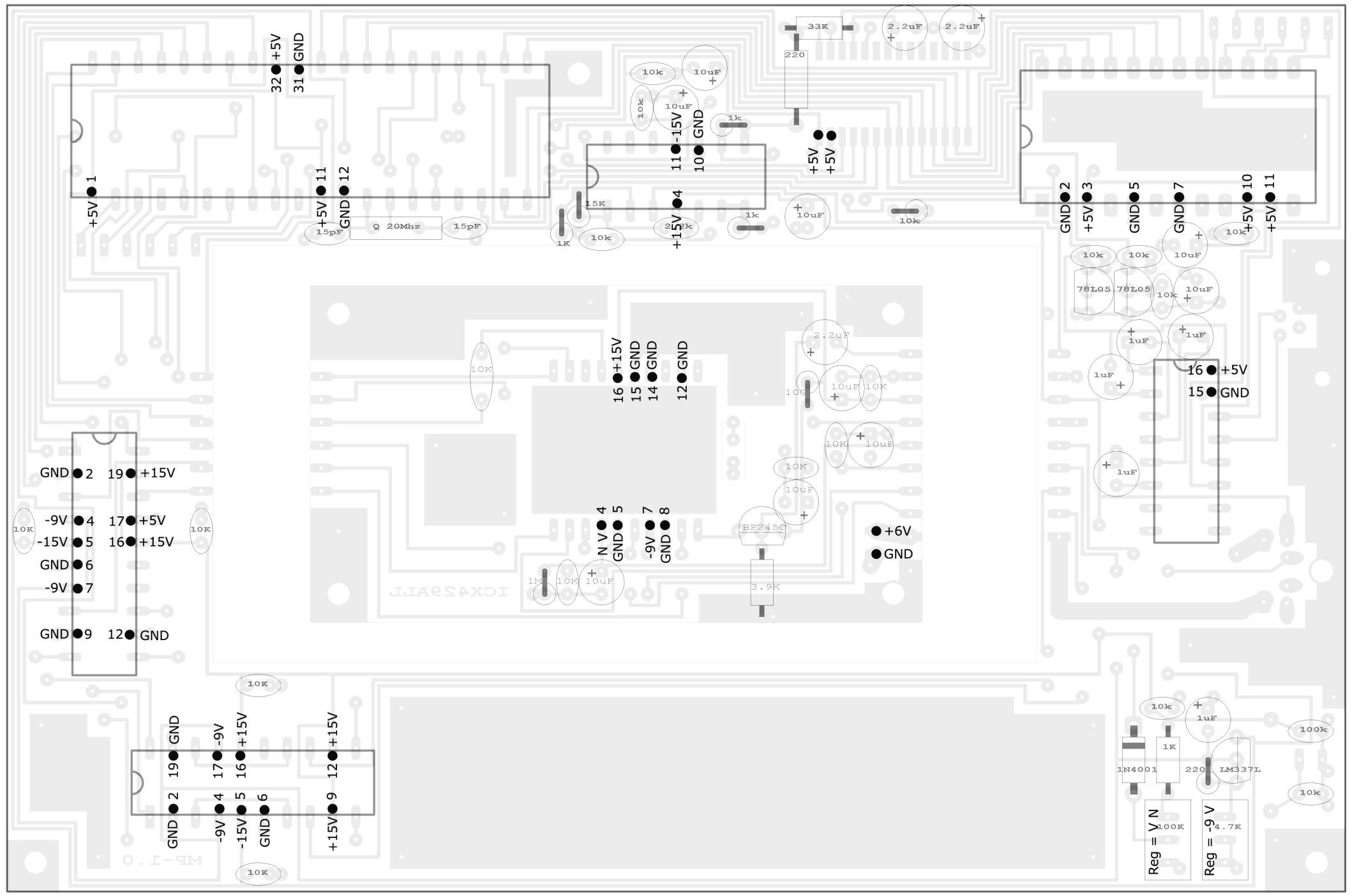
+5V 1
32 +5V
31 GND
+5V 11
GND 12
15pF
Q 20Mhz
15pF
15K
1K
10k
10k
10uF
-15V 11
GND 10
1k
+15V 4
2.2k
1k
10uF
33K
220
2.2uF
2.2uF
+5V
+5V
10k
GND 2
+5V 3
GND 5
GND 7
+5V 10
+5V 11
10k
10k
10uF
78L05
78L05
10k
10uF
1uF
1uF
1uF
16 +5V
15 GND
10K
16 +15V
15 GND
14 GND
12 GND
2.2uF
10uF
10K
10K
10uF
10K
10uF
BF245C
3.9K
+6V
GND
N V 4
GND 5
-9V 7
GND 8
1M
10K
10uF
GND 2
19 +15V
-9V 4
17 +5V
-15V 5
16 +15V
GND 6
-9V 7
GND 9
12 GND
10K
10K
10K
10K
GND 19
-9V 17
+15V 16
+15V 12
GND 2
-9V 4
-15V 5
GND 6
+15V 9
10k
1uF
1K
1N4001
220
LM337L
100k
10k
Reg = V N
100K
Reg = -9 V
4.7K