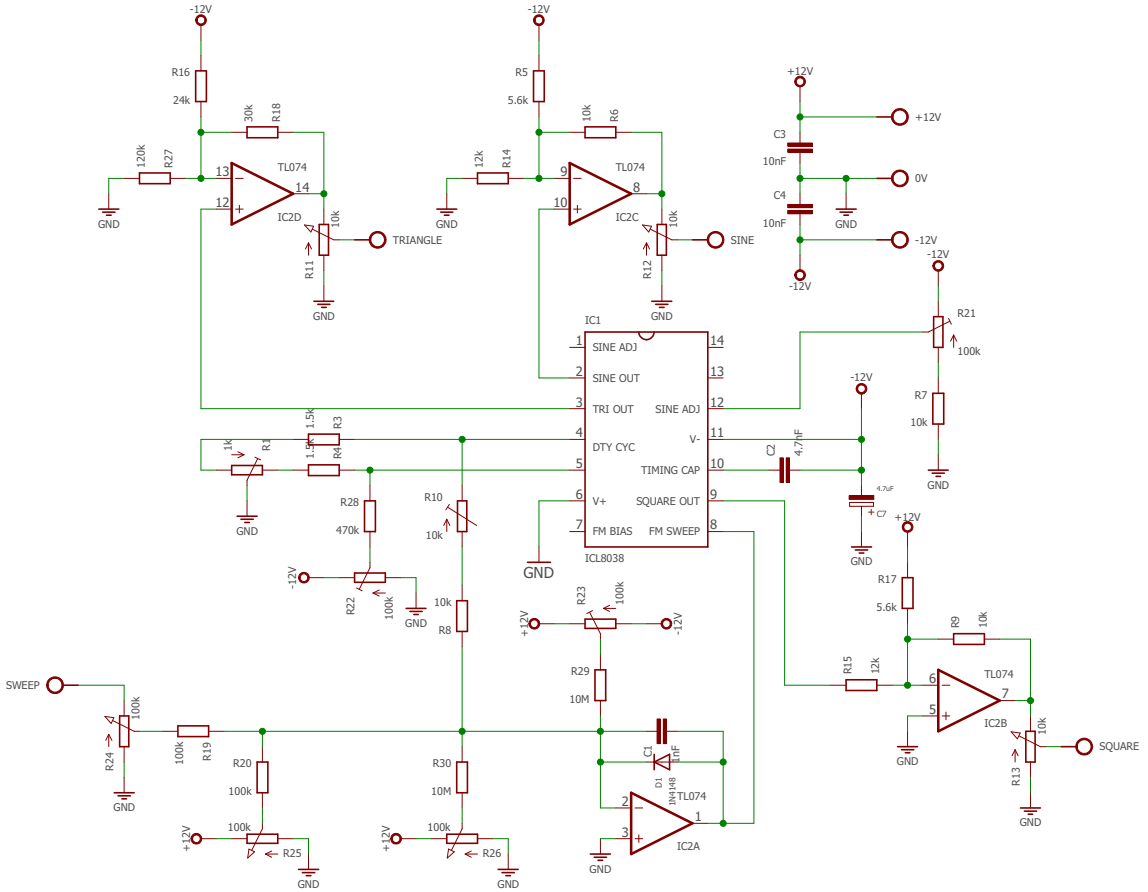
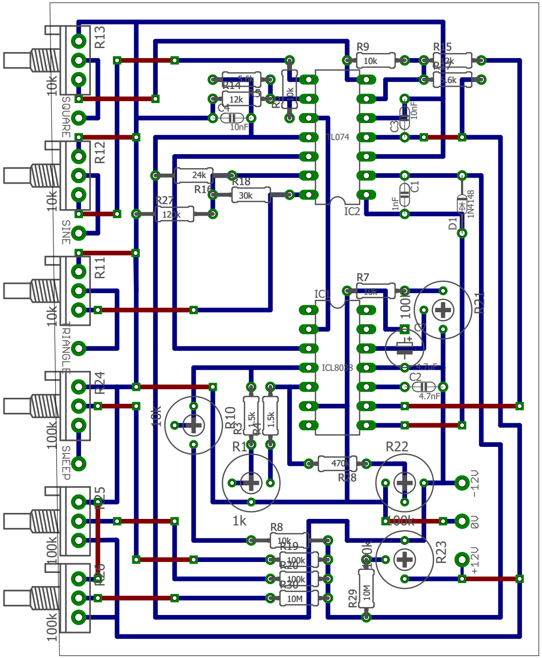
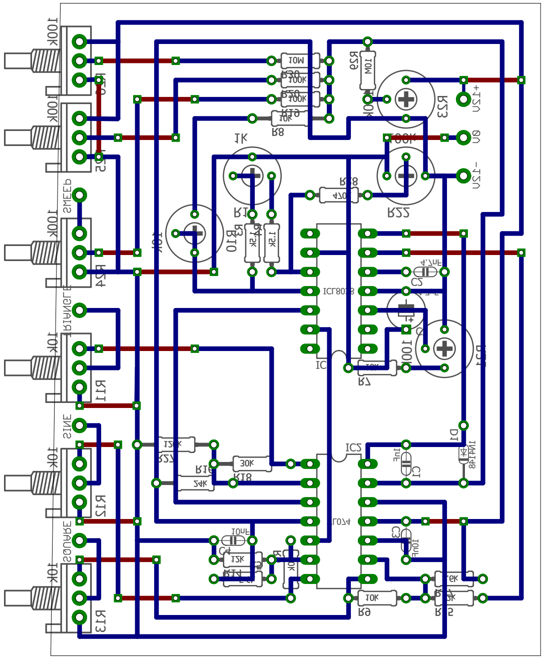

-12V
R16
24k
30k
R18
120k
R27
TL074
IC2D
TRIANGLE
R11
10k
GND
R5
5.6k
10k
R6
12k
R14
IC2C
SINE
R12
+12V
C3
10nF
0V
C4
IC1
SINE ADJ
SINE OUT
TRI OUT
DTY CYC
V+
FM BIAS
TIMING CAP
SQUARE OUT
FM SWEEP
V-
ICL8038
R21
100k
R7
C2
4.7nF
R3
1.5k
R4
1k
R1
R28
470k
R10
R22
R8
R23
R29
10M
R30
R17
5.6k
R9
R15
12k
IC2B
SQUARE
R13
SWEEP
R24
R19
R20
R25
R26
C1
1nF
D1
1N4148
IC2A



R13
10k
SQUARE
R12
10k
SINE
R11
10k
TRIANGLE
R24
100k
SWEEP
R25
100k
R26
100k
R9
10k
R15
R14
12k
C4
10nF
TL074
IC2
24k
R18
30k
R16
R27
12k
C3
10nF
C1
1nF
D1
1N4148
R7
10k
IC1
ICL8038
R21
100k
C2
4.7nF
10k
R10
1.5k
1.5k
R3
R4
R1
1k
470
R28
R22
100k
-12V
0V
+12V
R8
10k
R19
100k
R20
100k
R30
10M
R29
10M
R23
100k