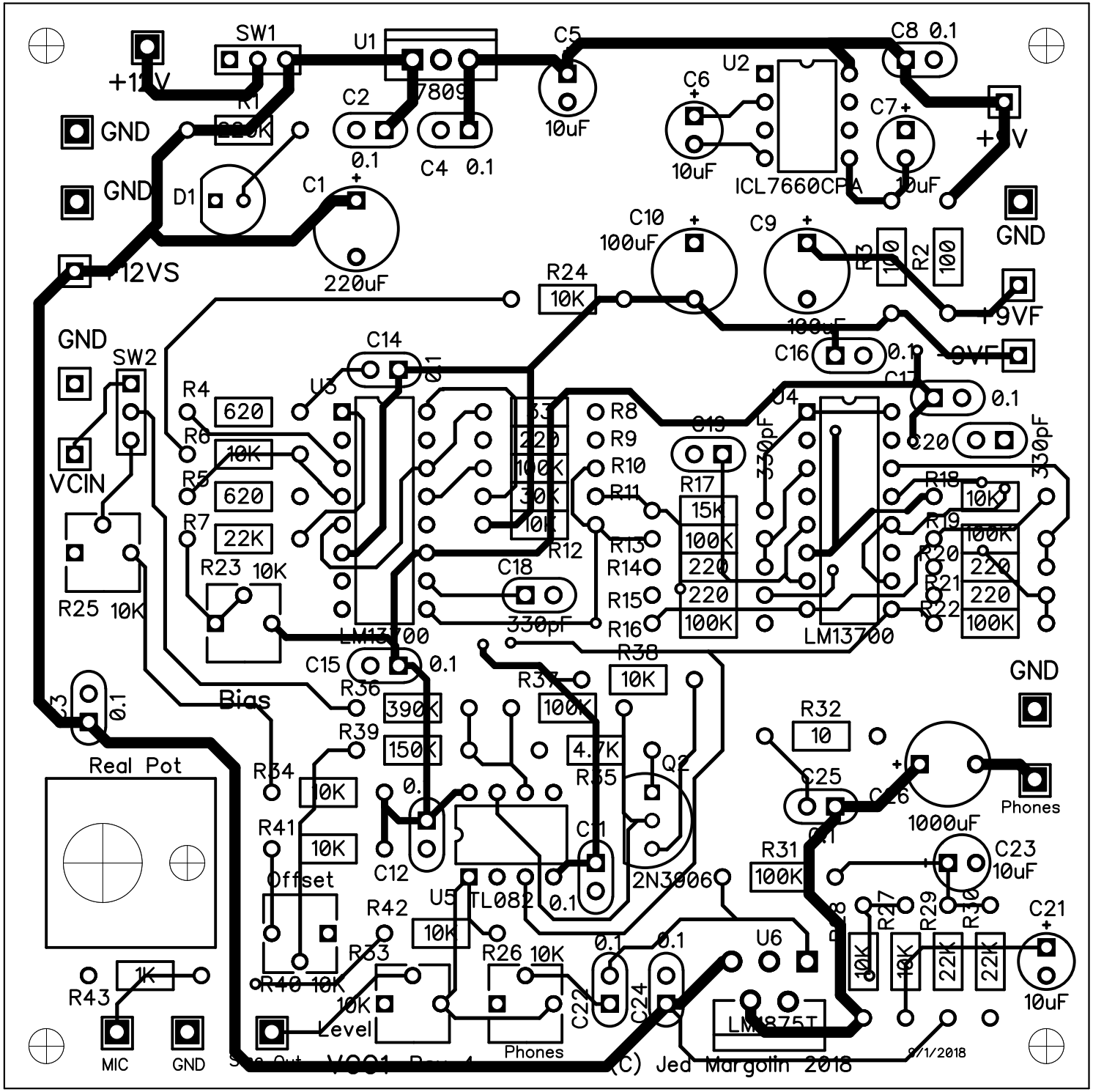
SW1
U1
7809
C5
C8 0.1
U2
C6
C7
+12V
R1
GND
C2
0.1
C4 0.1
10uF
ICL7660CPA
+9V
GND
D1
C1
220uF
C10
100uF
C9
100uF
R3
100
R2
100
GND
+12VS
R24
10K
+9VF
GND
C14
0.1
C16
0.1
-9VF
C17
0.1
SW2
U3
U4
R4
620
R6
10K
R5
620
R7
22K
VCIN
R25 10K
R23 10K
R8
R9
R10
R11
R12
R13
R14
R15
R16
C18
330pF
C19
330pF
R17
15K
100K
220
220
100K
C20
330pF
R18
10K
R19
100K
R20
220
R21
220
R22
100K
LM13700
LM13700
C15
0.1
R36
390K
R37
100K
R38
10K
GND
Bias
R39
150K
4.7K
R35
Q2
R32
10
C25
C26
1000uF
Phones
Real Pot
R34
10K
R41
10K
Offset
C12
C11
2N3906
R31
100K
C23
10uF
U5 TL082
0.1
R42
10K
R33
10K
R26 10K
0.1
0.1
U6
R27
R29
R30
C21
10uF
R43
1K
R40 10K
Level
C22
C24
LM1875T
MIC
GND
Phones
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9/1/2018