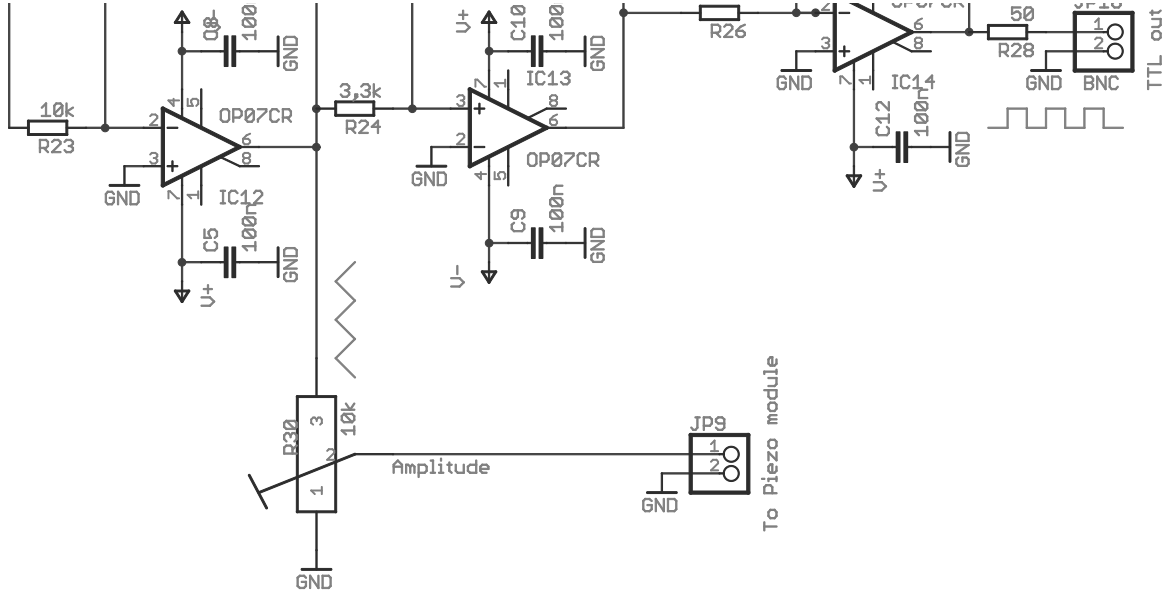
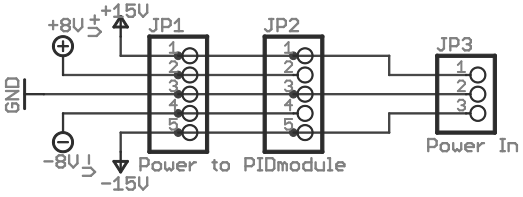
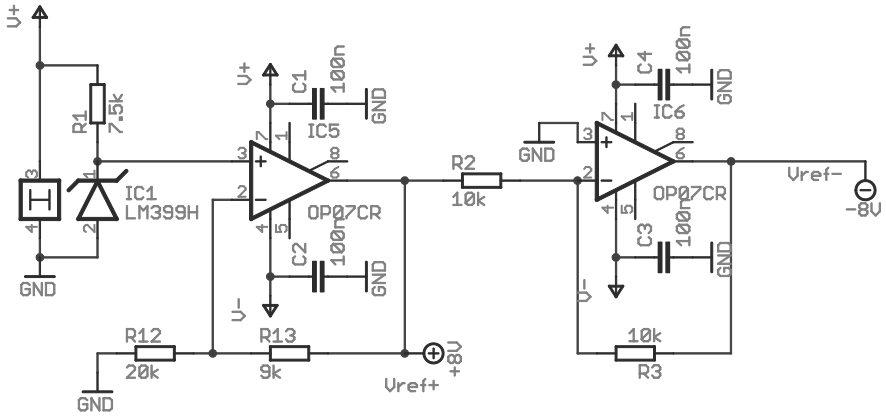
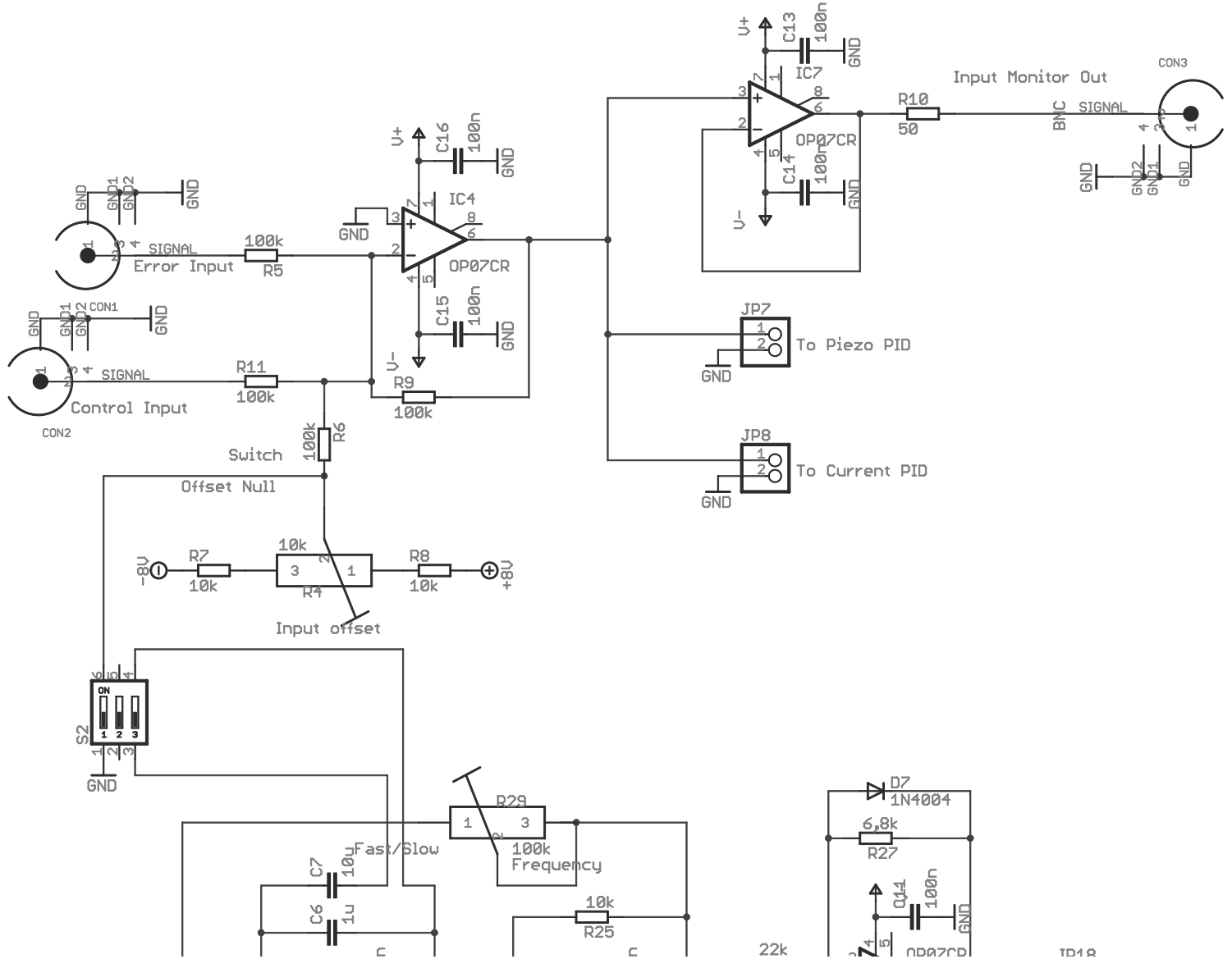

10k
R23
OP07CR
IC12
GND
C8
100n
C5
100n
V+
V-
3,3k
R24
C10
100n
IC13
C9
100n
R26
IC14
C12
100n
50
R28
BNC
TTL out
R30
10k
Amplitude
JP9
To Piezo module


+8V
+15V
JP1
JP2
JP3
GND
-8V
-15V
Power to PIDmodule
Power In


V+
R1
7.5k
IC1
LM399H
C1
100n
IC5
OP07CR
C2
100n
V-
R2
10k
C4
100n
IC6
OP07CR
C3
100n
Vref-
-8V
R12
20k
R13
9k
Vref+
+8V
10k
R3
GND


V+
C13
100n
GND
IC7
OP07CR
C14
100n
V-
R10
50
Input Monitor Out
CON3
BNC
SIGNAL
GND
GND2
GND1
GND
V+
C16
100n
GND
IC4
OP07CR
C15
100n
V-
R9
100k
100k
R5
SIGNAL
Error Input
GND
GND1
GND2
CON1
JP7
To Piezo PID
JP8
To Current PID
R11
100k
SIGNAL
Control Input
CON2
100k
R6
Switch
Offset Null
-8V
R7
10k
10k
R4
R8
10k
+8V
Input offset
S2
ON
1 2 3
GND
R29
100k
Frequency
Fast/Slow
C7
10u
C6
1u
10k
R25
D7
1N4004
6.8k
R27
C14
100n
GND
22k