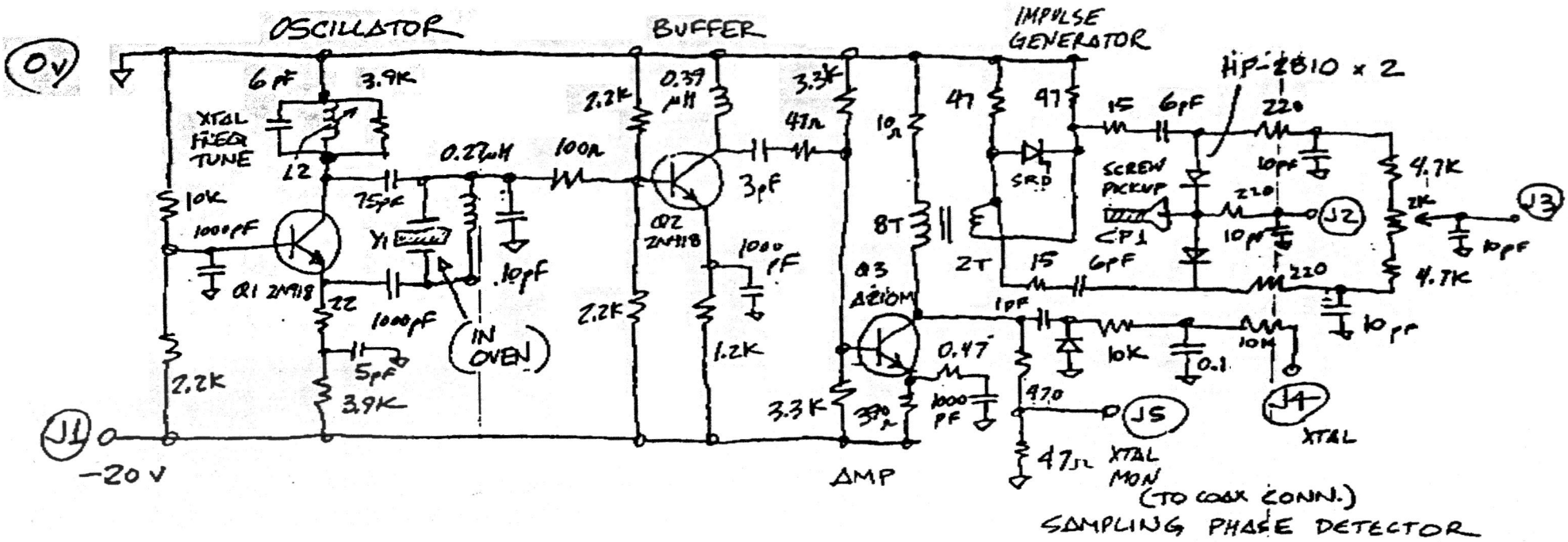
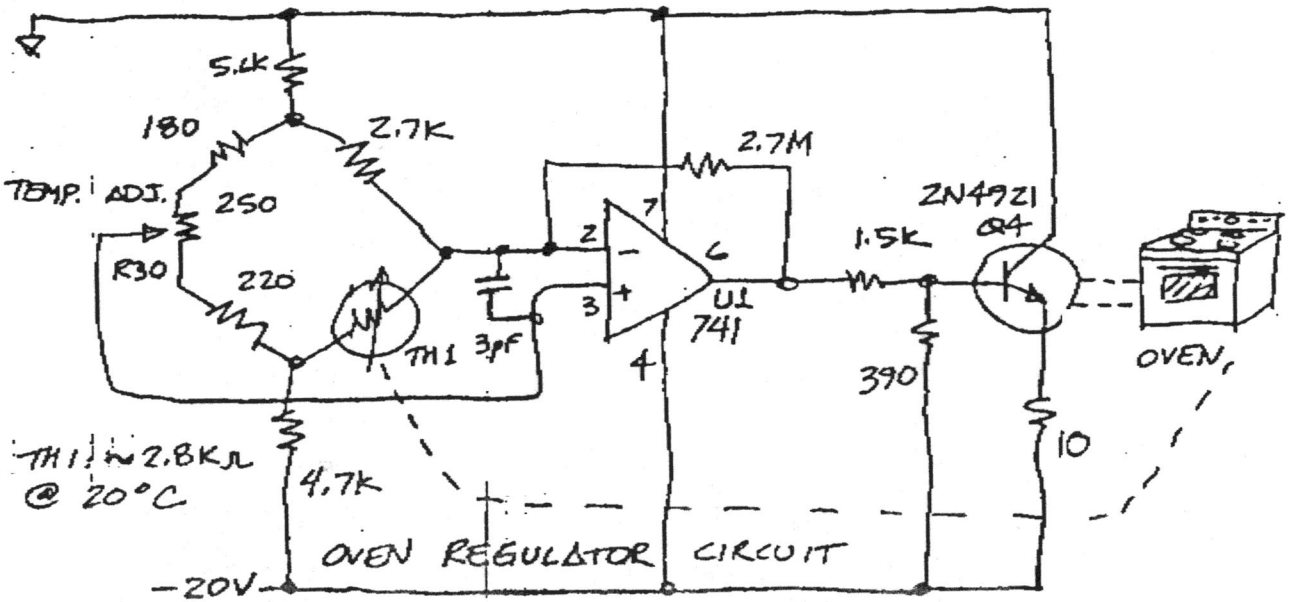

OSCILLATOR
BUFFER
IMPULSE GENERATOR
HP-2810 x 2
0V
6pF
3.9K
XTAL FREQ TUNE
L2
0.27μH
100Ω
2.2K
0.39 μH
3.3K
47Ω
10Ω
47
47
15
6pF
220
10pF
4.7K
2K
J3
10pF
SRD
SCREW PICKUP
CP1
220
10pF
J2
10K
1000pF
75pF
Y1
.10pF
Q2 2N918
3pF
8T
2T
15
6pF
220
4.7K
Q1 2N918
22
1000pF
IN OVEN
2.2K
1000 pF
Q3 AZIOM
1pF
10K
0.1
10K
10pF
5pF
3.9K
2.2K
1.2K
0.47
3.3K
390Ω
1000 pF
470
J5
J4
XTAL
J1
-20V
AMP
47Ω
XTAL MON
(TO COAX CONN.)
SAMPLING PHASE DETECTOR


5.6K
180
2.7K
2.7M
TEMP. ADJ.
250
R30
220
TH1
3pF
2
3
7
6
4
U1
741
1.5K
2N4921
Q4
390
10
OVEN
TH1 ~2.8KΩ @ 20°C
4.7K
OVEN REGULATOR CIRCUIT
-20V