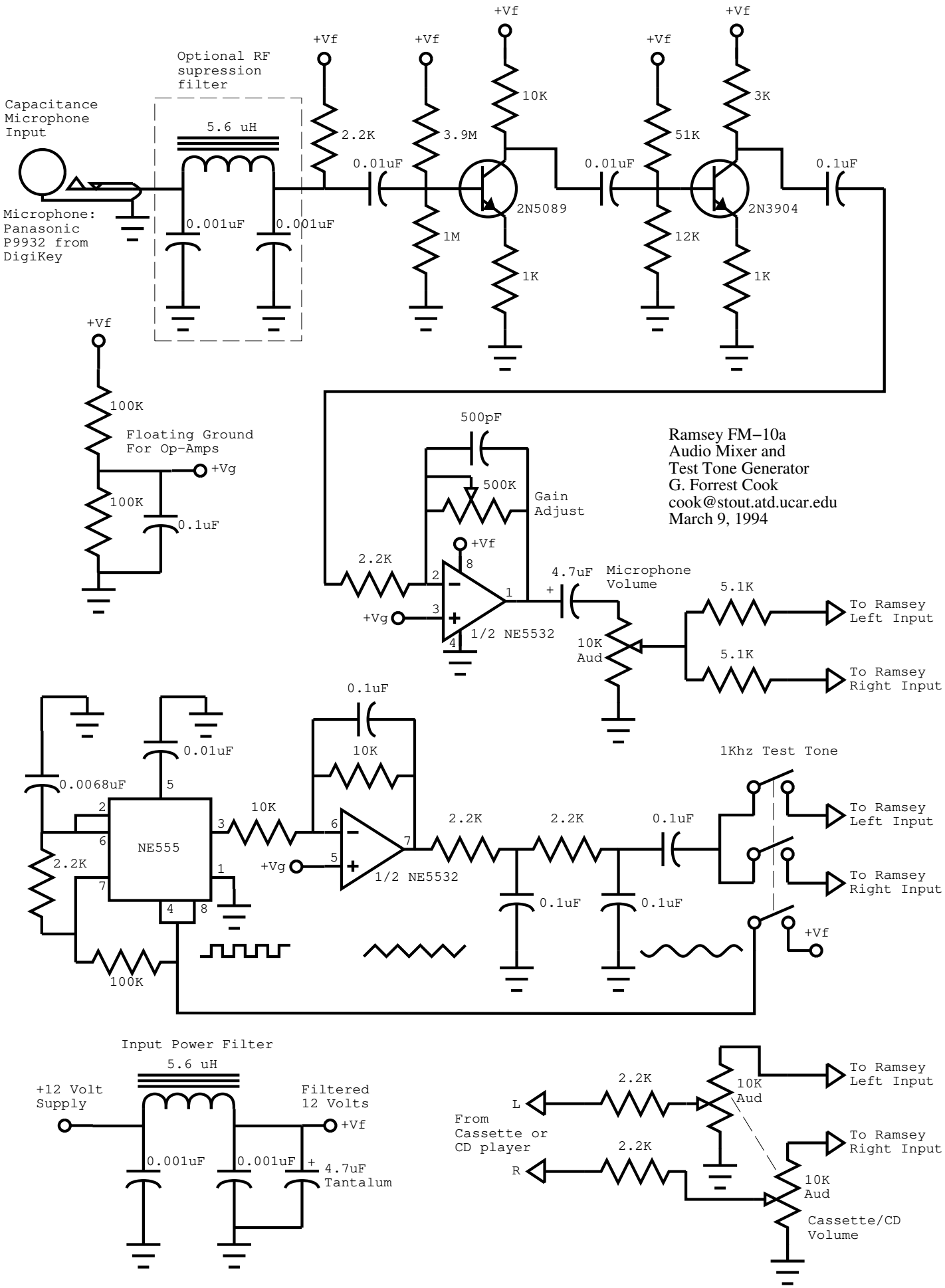
Capacitance Microphone Input
Microphone: Panasonic P9932 from DigiKey
Optional RF supression filter
5.6 uH
0.001uF
0.001uF
+Vf
2.2K
0.01uF
3.9M
1M
10K
2N5089
1K
0.01uF
51K
12K
3K
2N3904
1K
0.1uF
100K
Floating Ground For Op-Amps
+Vg
100K
0.1uF
500pF
500K
Gain Adjust
2.2K
4.7uF
Microphone Volume
1/2 NE5532
10K Aud
5.1K
5.1K
To Ramsey Left Input
To Ramsey Right Input
Ramsey FM−10a
Audio Mixer and
Test Tone Generator
G. Forrest Cook
cook@stout.atd.ucar.edu
March 9, 1994
0.0068uF
0.01uF
0.1uF
10K
NE555
10K
2.2K
100K
1/2 NE5532
2.2K
2.2K
0.1uF
0.1uF
0.1uF
1Khz Test Tone
To Ramsey Left Input
To Ramsey Right Input
Input Power Filter
5.6 uH
+12 Volt Supply
Filtered 12 Volts
0.001uF
0.001uF
4.7uF Tantalum
From Cassette or CD player
L
R
2.2K
2.2K
10K Aud
10K Aud
Cassette/CD Volume