

2 - 1N914  
1 - 1N4002

The schematic diagram illustrates a portable electronic circuit, possibly a portable amplifier or signal processor. The circuit is powered by a 9V battery and an AC ADAPTOR. The input stage includes a 1M resistor and a .022 capacitor. The signal is then processed by a central IC1 (likely a 741 op-amp) configured with various feedback components, including a 100k resistor, a 100pF capacitor, and a 100F capacitor. The output of the IC1 is coupled to a 2N2222 transistor (Q2) through a 1k resistor and a .001 capacitor. The transistor's output is filtered by a .0033 capacitor and a 10k resistor. The final output stage includes a 100k-A potentiometer for volume control, a 1uF capacitor, and a 10k resistor. The circuit also includes a 1N4002 diode and a 100uF capacitor for power filtering. The output is labeled OUTPUT and includes a VOLUME control potentiometer.