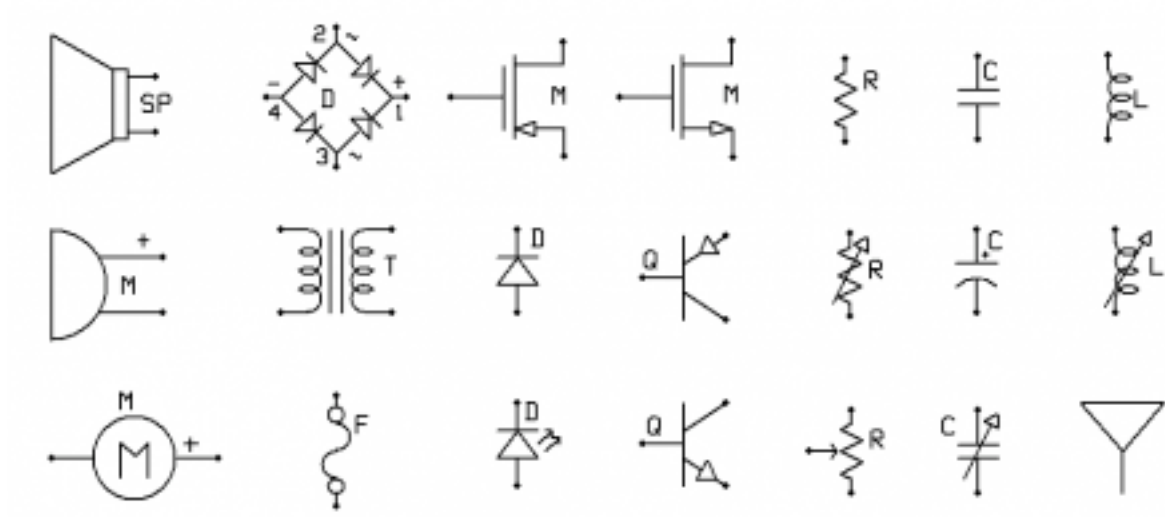
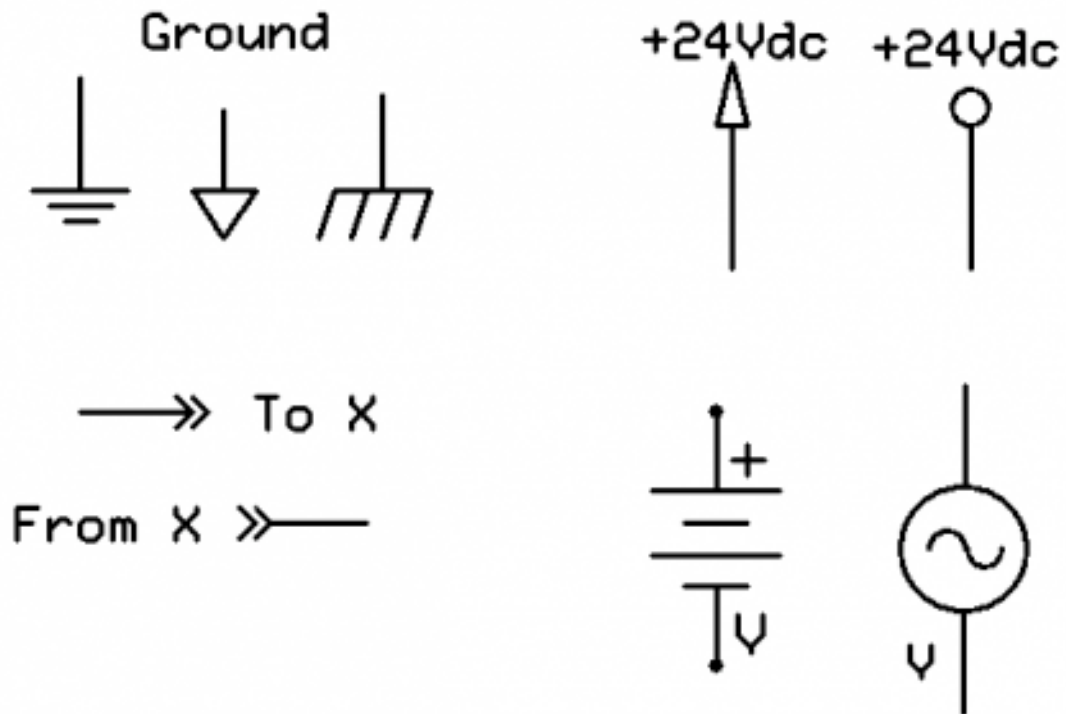


Discussion 20: Electrical Documentation: Schematics – Notes

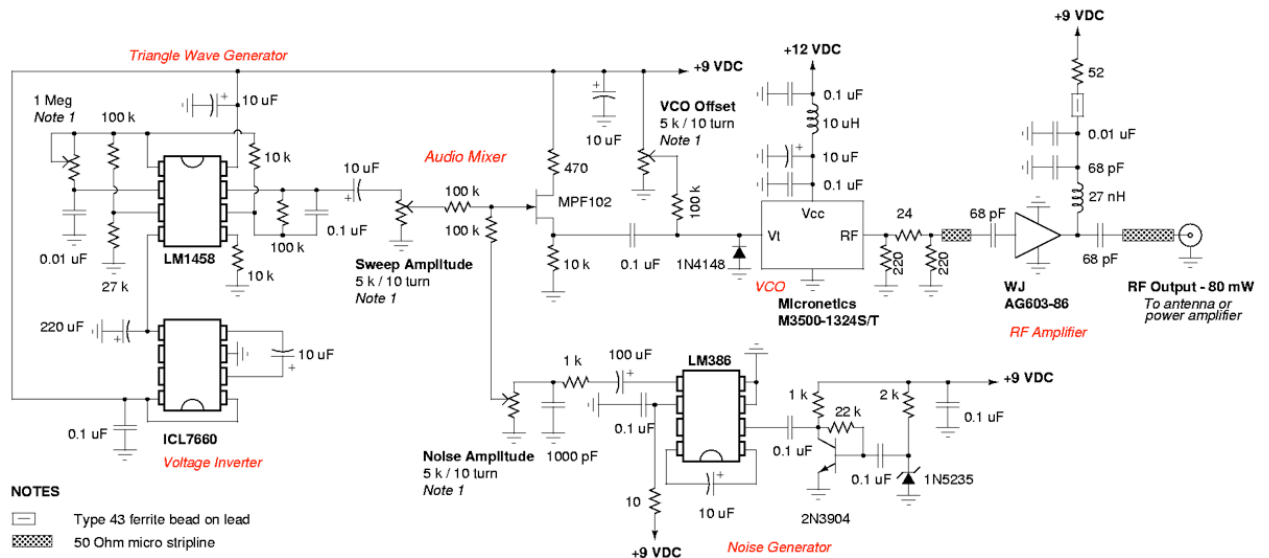
TOPIC 1: Basic components



TOPIC 2: Power and Connections



You should now be prepared to answer the following questions based on the pictured schematic. This is a cell phone jammer circuit.



Obtained from Shenzhen Top CCTV Technology at www.sztopcctv.com

1. How many variable resistors are in this circuit?
2. How many non-variable resistors are in this circuit?
3. How many Capacitors are in this circuit?
4. What is the voltage of the two DC power supplies used in this circuit?
5. How many inductors are used in this circuit?
6. What is the cost of the two transistors if we purchased them from www.digikey.com? The part numbers are MPF102-ND and 2N3904FS-ND.
7. What would the cost be if 25 of each component was purchased?