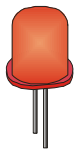
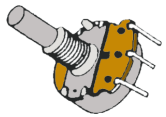
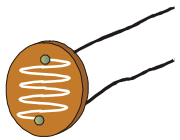
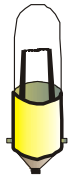
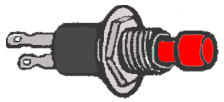
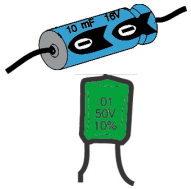
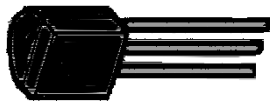
Common Schematic Symbols	Part Sample	
Battery/Cell		B is the letter abbreviation for Battery. The voltage and size should be marked by the symbol.
Light Light Emitting Diode LED		D is the letter abbreviation for Diode. This is a light emitting diode.
Diode		D is the letter abbreviation for Diode. This is a power diode. The part designation should be listed.
Resistor		R is the letter abbreviation for a Fixed Resistor. The value of the resistor should be marked next to the part number.
1 2 3 Potentiotmeter	 	R is the abbreviation for a variable resistor which is called a Potentiometer.
Light Photo Resistor		R is the letter abbreviation for a Photo Resistor. The value of resistance changes with light intensity.
Lamp		LP is the letter abbreviation for a Lamp. The value and number should be marked next to the part.

Common Schematic Symbols	Part Sample	
		S is the letter abbreviation for Switches. The details of the switch should be marked next to the part number.
Motor		MOT is the letter abbreviation for a Motor. The details should be marked next to the part number.
Capacitor with polarity		C is the letter abbreviation for a Capacitor. The value of the Capacitor should be marked next to the part number.
Capacitor without polarity		
Transistor		Q is the letter abbreviation for a Transistor. The number of the transistor should be marked next to the part number.
Ground/Common		This is the symbol for a common connection. It is the negative side of a single voltage supply system.
+ 9V Source		This is how the connection to a power source is marked. This is used when the power source is a battery, or something other than a battery.

TITLE	REVISIONS
Parts and Symbols	
DATE: 8-27-04	SCALE: none
DRAWN BY: Paul Ashley	PAGES: 1 of 1