







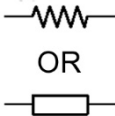
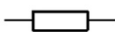

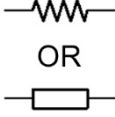
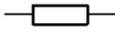
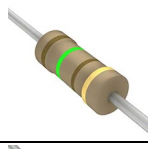
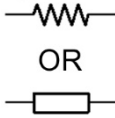
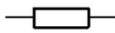
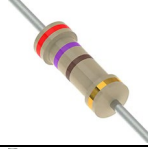
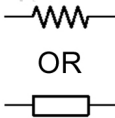
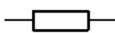

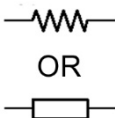
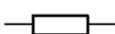

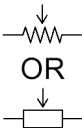


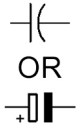


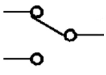
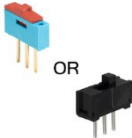
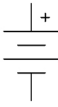






LEDs			
Symbol	Kit QTY	Image	Description
	5		5mm Red LED, Forward Voltage (Vf) = 2V, Current = 20mA
	5		5mm Green LED, Forward Voltage (Vf) = 2.1V, Current = 20mA
	5		5mm Yellow LED, Forward Voltage (Vf) = 2.1V, Current = 20mA
	5		5mm Clear Blue LED, Forward Voltage (Vf) = 3.2V, Current = 20mA
Resistors			
All resistor tolerances are $\pm 5\%$ (gold stripe)			
 OR 	10		51 Ω ¼W 5% Carbon Film Resistor Green, Brown, Black
 OR 	10		150 Ω ¼W 5% Carbon Film Resistor Brown, Green, Brown
 OR 	10		270 Ω ¼W 5% Carbon Film Resistor Red, Violet, Brown
 OR 	10		360 Ω ¼W 5% Carbon Film Resistor Orange, Blue, Brown
 OR 	10		10K Ω ¼W 5% Carbon Film Resistor Brown, Black, Orange
 OR 	1	 103	10K Ω Trimmer Potentiometer (Style may vary)

Capacitors			
 OR 	2		470µF 35V Radial electrolytic Capacitor
Switches and Relays			
	1		Red and Blue Slide Switch 1P2T (SPDT), 300mA (DC), 24V Black Slide Switch 1P2T (SPDT), 200mA (DC), 30V Note: Your kit will come with one of these two switches (based on availability)
Batteries and Battery Connectors			
	1		9V Alkaline Battery (Brand may vary)
	1		9V Battery Connector with plug for breadboard jumpers
Prototyping Supplies			
	1		400 Point Solderless plug-in breadboard
	1		Jumper Kit Various colors 22AWG 70PCS (Replaced the 65 Pc. Jumper Wire Assortment as of 1-4-22)