

Circuit Examples:

Circuit 1: Blinking an LED
Circuit 2: Reading a Potentiometer
Circuit 3: Driving an RGB LED
Circuit 4: Driving Multiple LEDs
Circuit 5: Reading a Button Press
Circuit 6: Reading a Photoresistor
Circuit 7: Reading a Temperature Sensor
Circuit 8: Using a Servo Motor
Circuit 9: Driving a Motor with an H-Bridge
Circuit 10: Controlling a Motor with Inputs
Circuit 11: Reading Serial Data

Kit includes:

SparkFun RedBoard
Breadboard - Self-Adhesive (White)
Servo – Sub-Micro Size
Hobby Gearmotor – 200 RPM (Pair)
Temperature Sensor – TMP36
Mini Photocell
SparkFun USB Mini-B Cable – 6 Foot
Jumper Wires – 7" M/M 30 AWG (30 Pack)
LED – RGB Clear Common Cathode
Red, Blue, Yellow, and Green LEDs
10K Trimpot
Momentary Pushbutton Switch – 12mm
H-Bridge Motor Driver 1A
Battery Holder - 4xAA to Barrel Jack Connector
330 and 10K Resistors