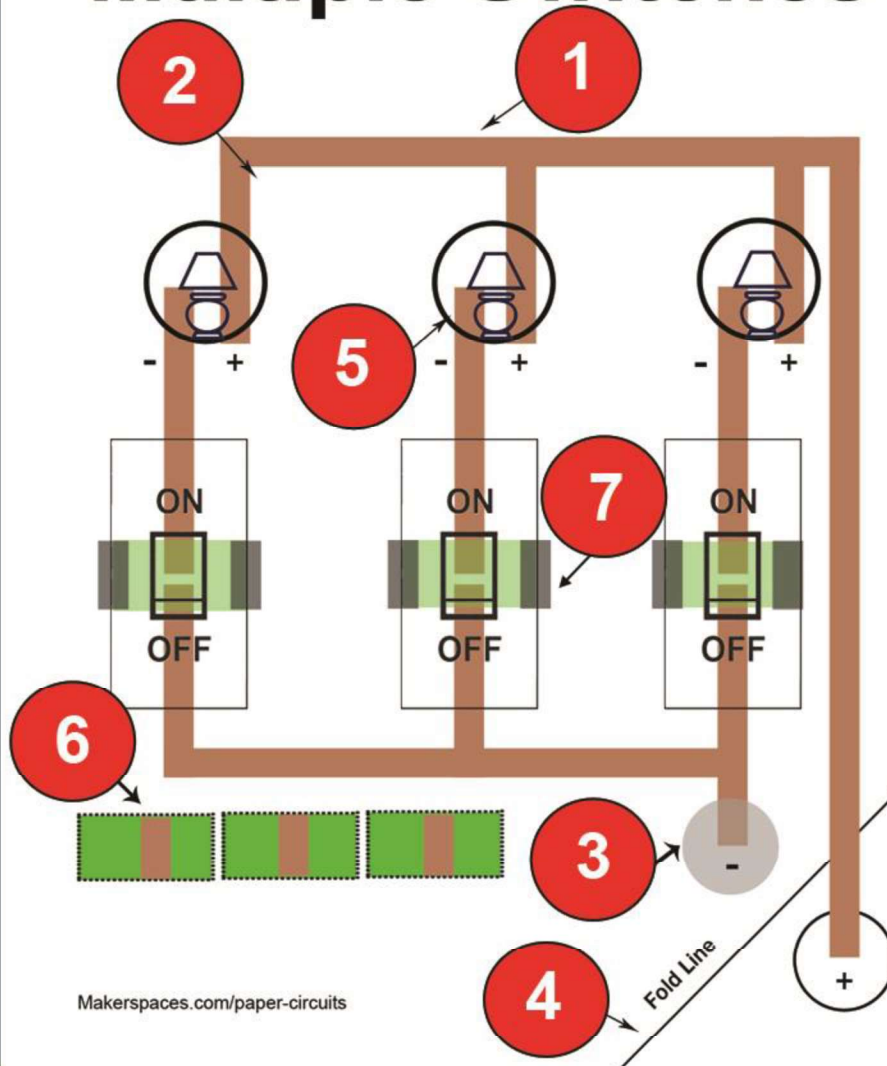


A brown rectangular frame represents a circuit board. At the top center, there is a small black LED component. On the right side, there is a small purple and silver switch component. At the bottom center, there is a grey circular battery symbol with a minus sign on the left, '3v' in the middle, and a plus sign on the right.

# Multiple Switches

- 3v +

# Multiple Switches



Makerspaces.com/paper-circuits

## Materials:

Copper Tape - 1/4"  
Battery - CR2032 - 3v  
Transparent Tape  
LED - 5mm or 10mm  
Paperclip / Binder Clip  
Buzzer (optional)  
Circuit Stickers (optional)

## Tools:

Scissors  
Scoring Tool  
X-Acto Knife

## Time Required:

30 minutes

## Steps:

- 1 Apply copper tape to trace line. Smooth with finger. Allow gaps for LED & switch.
- 2 Fold copper tape at all corners. Try to maintain a continuous strip with no cuts.
- 3 Place battery on top of copper tape w/ negative (-) facing down.
- 4 Fold template along line. Using a scoring tool helps with this process. Use paperclip over battery/fold.
- 5 LED goes here. Fold legs at a 90° angle and tape to copper. Long leg goes to (+).
- 6 Cut out 3 switches and apply copper to center.
- 7 Tape switches to switch icon. You can also use double-side foam tape for elevation.

# Multiple Switches

