

Blinking Buildings Empire State Assembly Guide

Blinky Buildings kit contains:

20 LEDs
5 680 Ohm Resistors
1 ATtiny85
1 Battery Holder
1 3v Battery
1 Switch

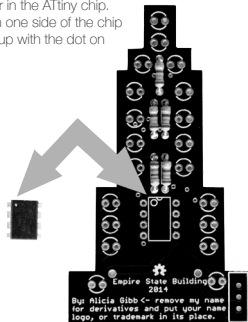
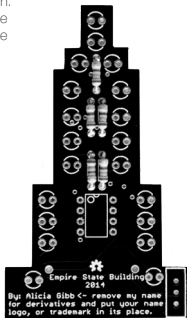
Tools you will need:

Soldering Iron
Solder
Wire clippers

Assembly:

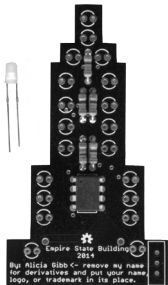
Step 1: Solder the 5 resistors in. Direction doesn't matter with the resistors. After soldering, cut the leads off.

Step 2: Solder in the ATtiny chip. The tiny dot on one side of the chip should match up with the dot on the board.

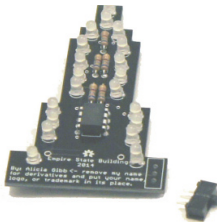


Lunchbox Electronics

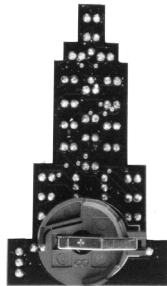
Step 3: Take note of the direction of the LEDs. The long lead of the LED goes on the left side if your board is face up. Cut the lead off once soldered. Solder all 20 LEDs in this direction.



Step 4: Solder in the switch, direction does not matter.



Step 5: On the back side of the board, solder in the battery holder. Insert the battery with the + face up.



Step 6: You're Done! Pop the battery in and flip the switch on! Yay Blinkiness!



Alicia Gibb
Source files: bit.ly/blinkybuildings