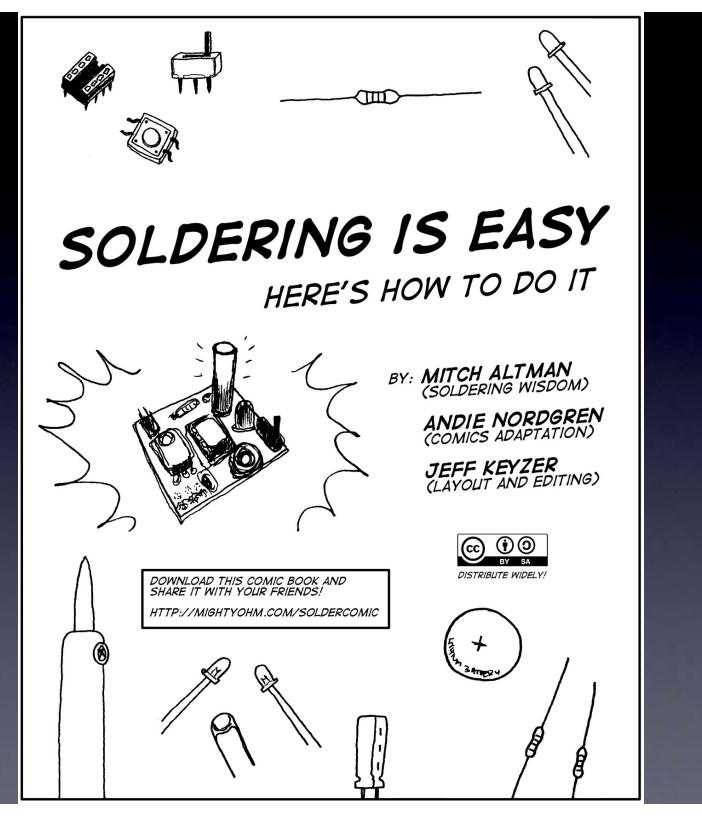
Soldering Is Easy!

Mitch Altman

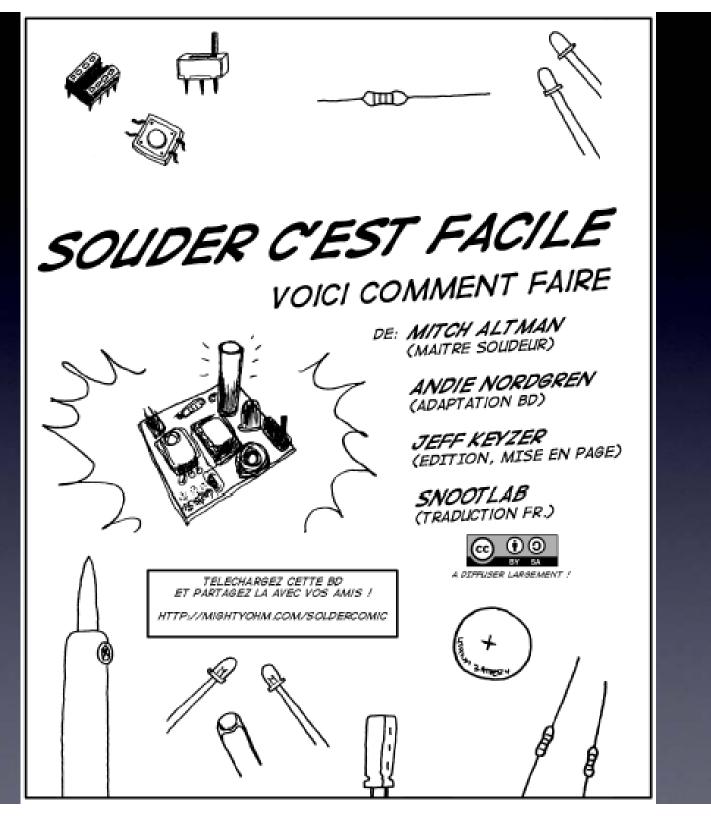
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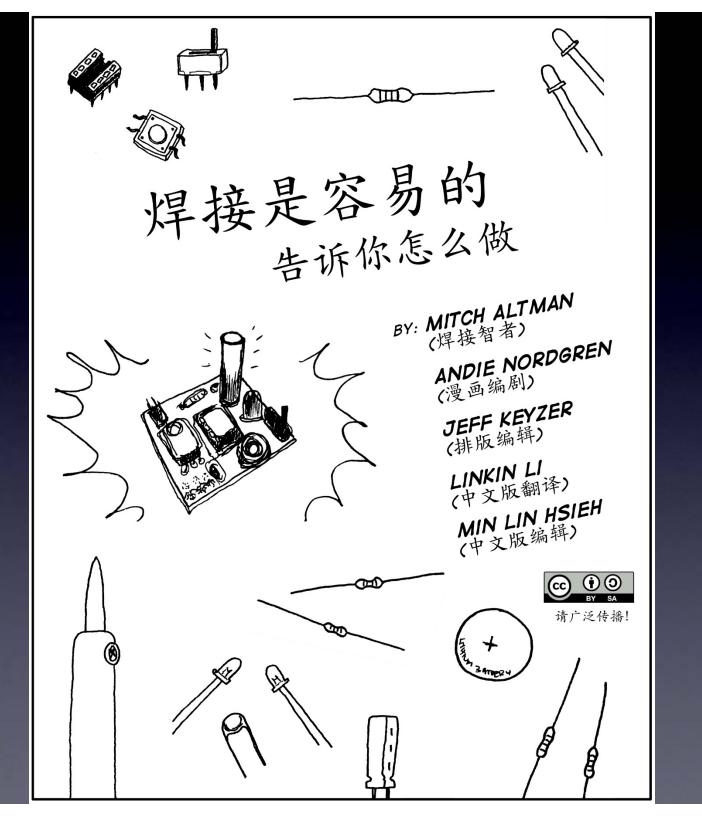


http://mightyohm.com/soldercomic download for free at

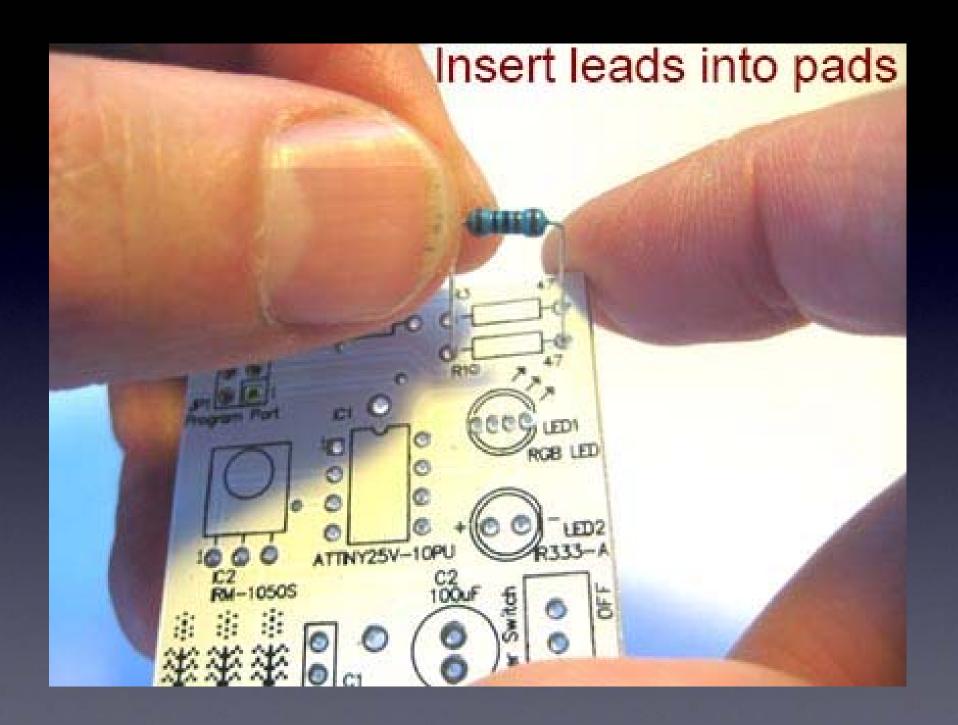


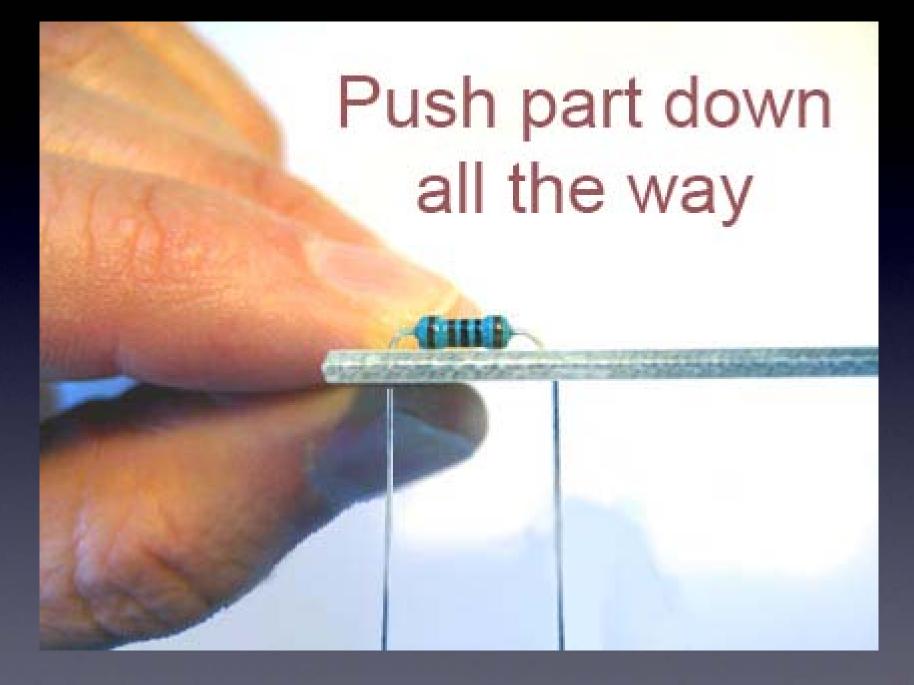






Download in the language of your choice for free at: http://mightyohm.com/soldercomic Bend leads before inserting the part into the board





Upside down/

Wires bent half way out

How to hold a soldering iron

(Like a pencil – held from underneath)

The perfect kind of solder for electronics: 60/40 rosin core, 0.031" diameter (or smaller)

3 Safety Tips...

Safety Tip #1:

Hot !!

Safety Tip #2:

Lead (Pb) is toxic But it easily washes off your hands with soap and water

Safety Tip #3:

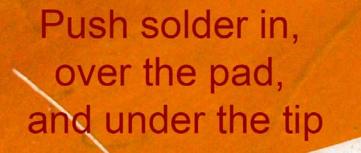
(coming soon)

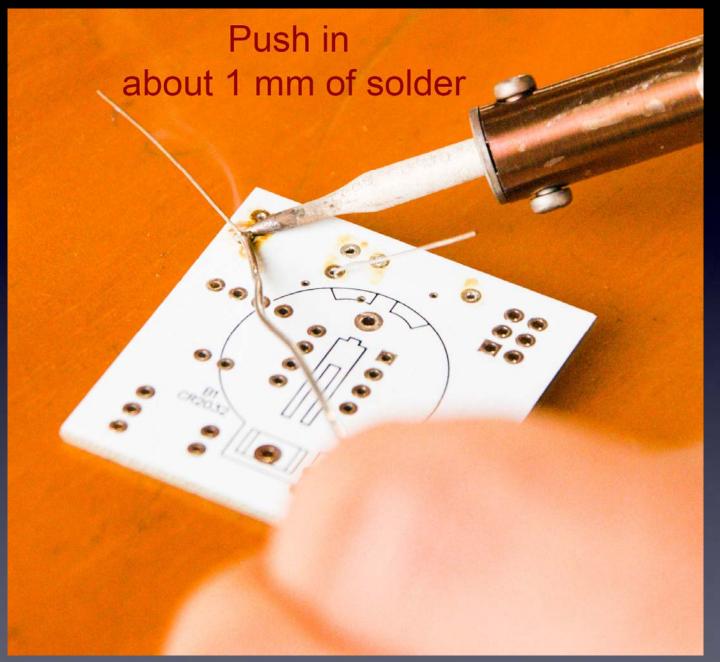
2 secrets to good soldering...

Secret #1: Clean the tip! (before every solder connection)

Bang 3 times, Swipe, Rotate, Swipe: Keep the tip shiny silver!

Lay clean tip across half of the pad, touching the pad and lead for 1 second



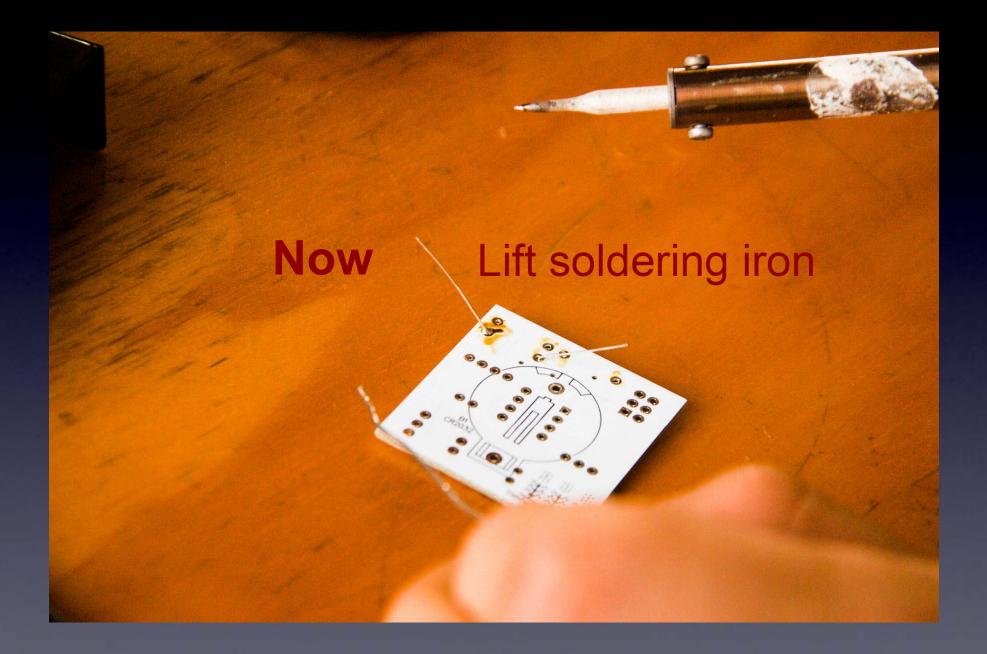


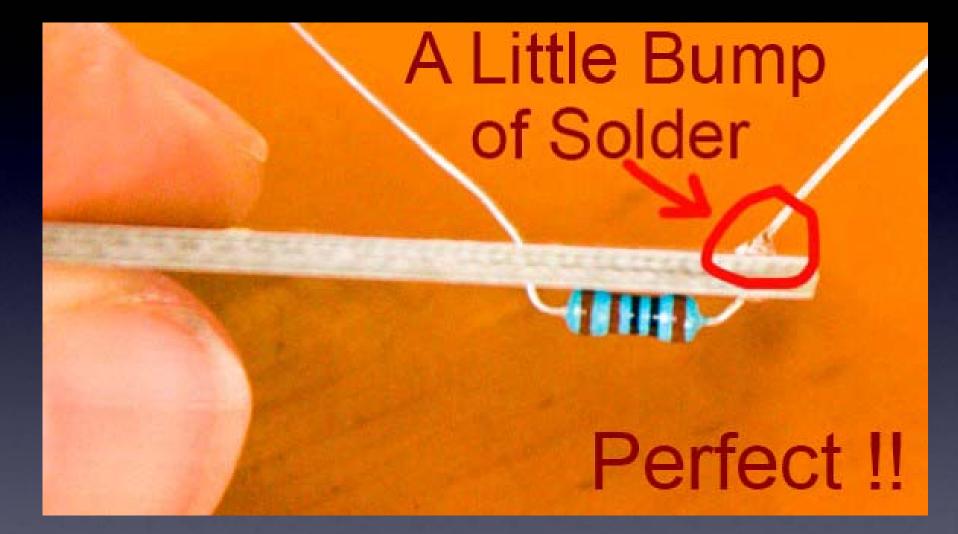
Make sure solder melts on the underside of the soldering iron (not the side or top of the soldering iron tip)!

Pull solder away, But keep holding soldering iron down for 1 more second

Secret #2:

Keep hot tip down 1 second for solder to flow !!





If you can see any of the pad, or the hole, you need more solder – so, just do all the steps again to make it perfect.

Hold the lead while cutting it all the way down to the little bump of solder

Cutting with the tip of the wire cutter gives you more control

Safety Tip #3:

Hold or cover the lead !

(Keep the leads from turning into missiles that go into your eyes!)

All done !

No wire sticking out

One part at a time

Till all the parts are soldered

Then put in the batteries Turn it on And it works! (Or you start debugging.)