

[HowTo]

by Quimera Rosa

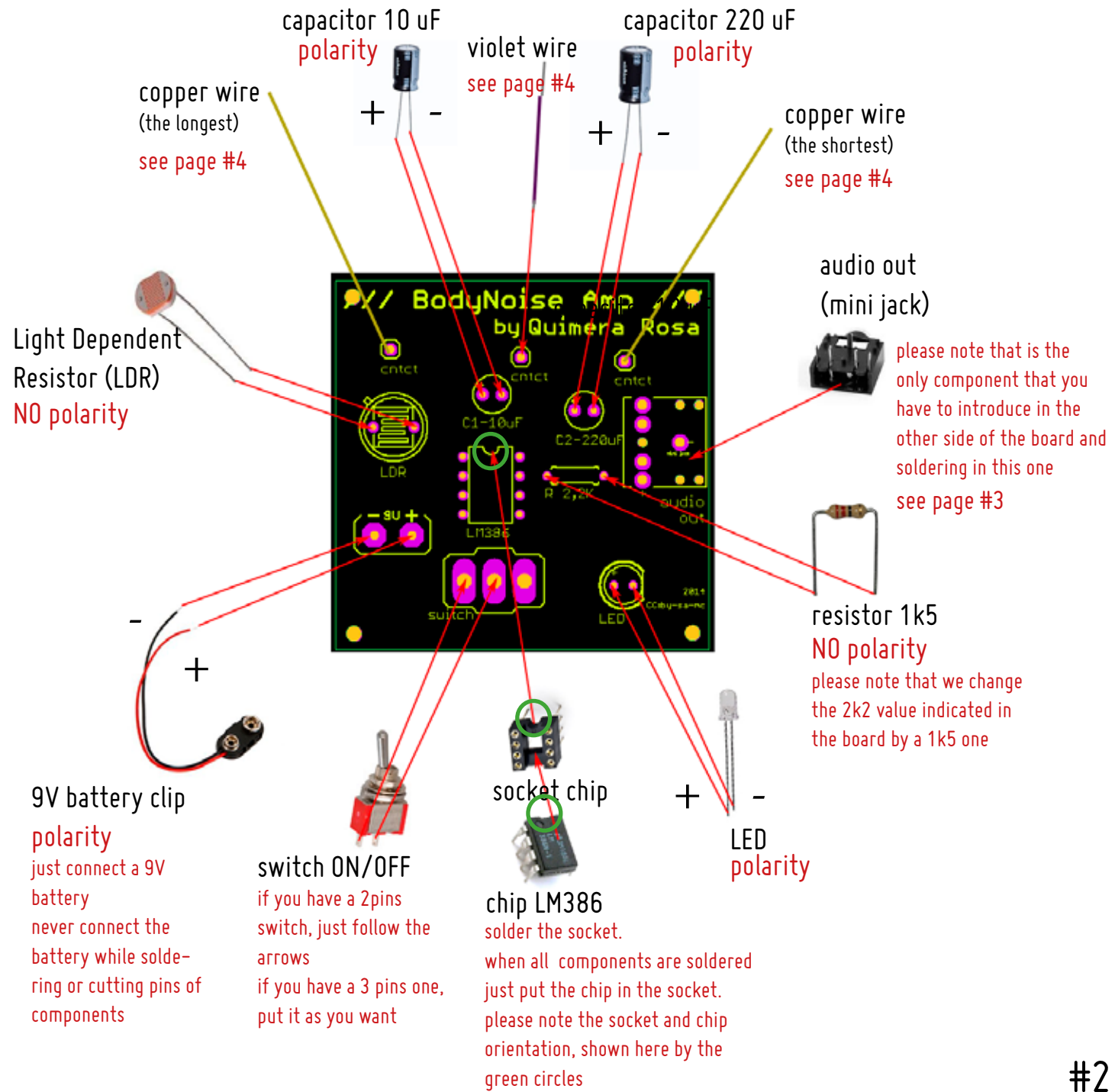


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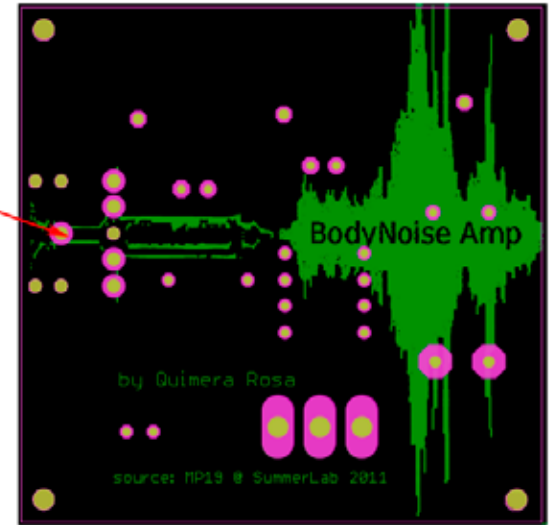
- Introduce all the components in this side of the board and solder them in the other side (except the mini jack, see page #3).
- Introduce and solder them one by one (it's easier to do from the smallest to the largest component). Enter the components as close as possible to the board before soldering.
- For a correct introduction of the components on the board, please note:
 - >> polarity: just respect + and -
 - >> no polarity: as you want
 - >> others: see specific indications
- You have to solder each component's pins to the plated contact. Be careful not to solder between them the pins of the same component.
- How to solder: <http://www.youtube.com/watch?v=oqV2xU1fee8> > from 2:12 to 3:04 (you don't need this special kind of solder)
- When finished soldering, pass the test phase:
 - >> ensure that no pins touching each other
 - >> connect battery and audio out
 - >> put switch ON
- If the LED lights and you can play (see page #4), just enjoy!
- If, not checks previous steps. If you can't resolve > contact@quimerarosa.net





audio out
(mini jack)

introduce it in this
side of the board
and soldering in the
other



- You can connect the [BodyNoise Amp] to a wide range of devices: speakers, audio mixer, computer, headphones... For headphones be careful with the volume, it can be very high.

- Playing with the BodyNoise Amp:
 - >> To test it, turn it on, take a cable with one hand and the other with the other hand. It has to sound.
 - >> The best way to use it is between two or more bodies.
 - >> The body carrying the BN A gets or sets the short cable to her body, and the other person do the same with the long cable. Touching the other body and enjoy. You have to touch the skin, does not work on clothes.
 - >> Moisture of hands or body zones in contact can alter the sound.
 - >> With smooth touching the body generates a high pitched sound, increasing pressure the sound becomes lower.
 - >> The LDR actuate like a light sensor and bring additional possibilities to the BN A, modifying the tone or creating pulsations.
 - >> More light will receive LDR more the BNA will generate a high pitched sound, and inversely.
 - >> You can play with different colors of light to generate various sound frequencies.
 - >> With a flashing light you can generate a rhythm, while you are playing with the BN A.

- Preparation of copper wires before soldering: is necessary to remove the polish to make them conductive. Burn and then sanded or sanded directly with sandpaper. They have to become more dull and rough.
- Preparation of violer wire before soldering: strip the wire +/- 1 cm on one side and 2 cm on the other.
- After soldering contacts to the board and copper wires, just connect them.

