ELECTRODIBLE
Smart Candy for Idiots
Workshop

web> idiot.io

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1. connect transistor Emmitter (E) to 3V coin cell ground (-).
2. connect transistor Collector (C) to LED ground (-) leg.
3. connect LED (+) leg to 3V coin cell (+).
4. make 2 touch pads / electrodes from copper tape or other conductive material.
5. connect transistor Base (B) to one touch pad.
6. connect 3V coin cell (+) to other touch pad.
LICK'O'METER

Parts:

- D (FET 2N7002 MOSFET)
- LED
- 3V Coin Cell
- VM (Vibration Motor)
- R (Resistor 10MΩ)

Materials:

- Kapton Surface
- Copper Pad
- EMI Shield One Side
- EMI Shield Two Side
2. Lick'O'Flasher

1. Stick 3 copper tape pads on front side of kapton surface.

2. Stick round copper tape pad on back side.

3. Solder the transistor onto the copper pads using tweezers.

4. Solder LED (-) leg to the transistor drain (D).

5. Solder LED (+) leg to round copper tape pad on back side.

6. Solder metal wire stick to round copper tape pad on back side.

7. Remove the cover from one side of the EMI shield double side tape and stick it on coin cell (+).

8. Remove the cover from the other side of the EMI shield double side tape and stick it on the round copper tape pad on back side.

9. Solder metal wire touch electrode to transistor gate (G) on front side.

10. Remove the cover from the one sided EMI shield tape and tape it from the transistor source (S) to the back side on coin cell (-).
1. Stick 3 copper tape pads on front side of kapton surface.

2. Stick round copper tape pad on back side.

3. Solder the transistor onto the copper pads using tweezers.

4. Solder VM (blue wire) to the transistor drain (D).

5. Solder VM (red wire) to the round copper tape pad on back side.

6. Solder metal wire stick to the round copper tape pad on back side.

7. Solder the 10M resistor (R) between mosfet (S) and mosfet (G).

8. Remove the cover from one side of the EMI shield double side tape and stick it on the coin cell (+).

9. Remove the cover from the other side of the EMI shield double side tape and stick it on the round copper tape pad on back side.

10. Solder metal wire touch electrode to transistor gate (G) on front side.

11. Remove the cover from the one sided EMI shield tape and tape it from the transistor source (S) to the back side on the coin cell (-).
Candy Maker's Guide

Acid Drops Recipe:
- 25.5g white sugar
- 75g water
- 1.5g cream of tartar
- 4.5g citric acid
- 1 drop of flavor oil

Tools:
- Scale 1g - 1kg
- Pot
- Thermoprobe -50°C to 300°C

Process:
1) put the sugar, water and cream of tartar inside the pot.
2) bring to boil while stirring.
3) stop stirring and measure temp. with a thermoprob.
4) at 146°C Sharp!! turn off the heat.
5) Remove the thermoprob and wait until syrup is clear.
6) Optional step add extra flavor!
   - citric acid for sourness.
   - drop of flavor oil.