

The First Soldering

solder



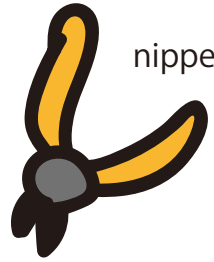
soldering
iron



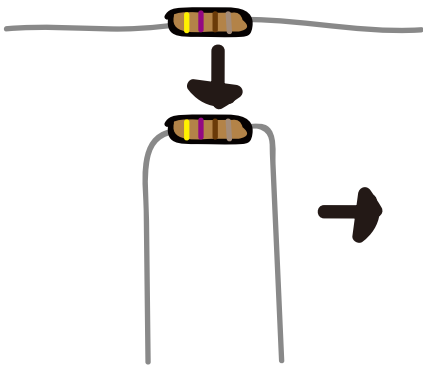
Hot!

about 300 degree
same as an iron plate
for roast

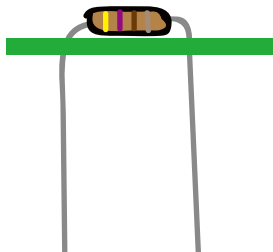
nipper



1. find the part (first of all is R1 resistor has line colors: yellow, purple, brown, gold)

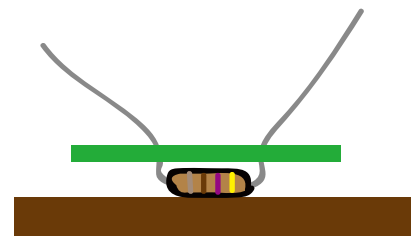


2. bend by fingers

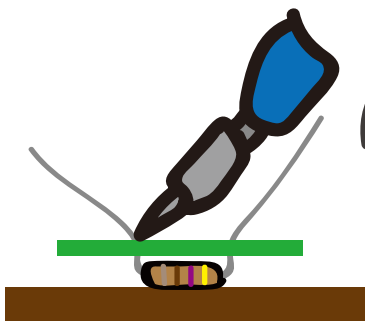


3. put into the board

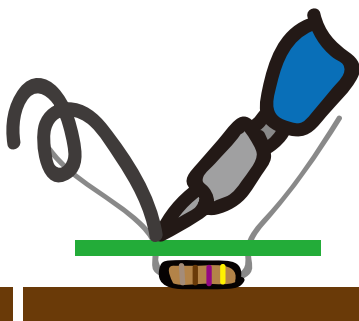
★ direction is important!



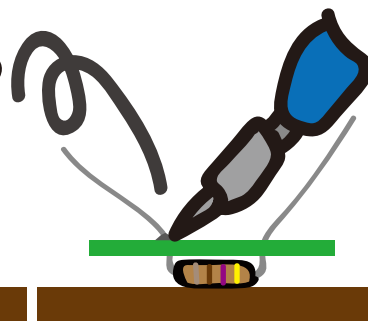
4. bend a little to fix
and flip the board



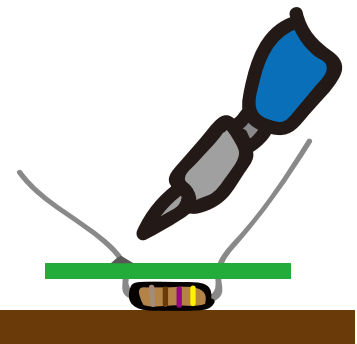
1. warm both the board
and the wire by the iron
(about 5 seconds)



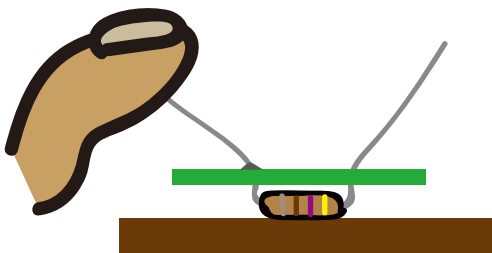
2. melt the solder
if you can't, back to 1



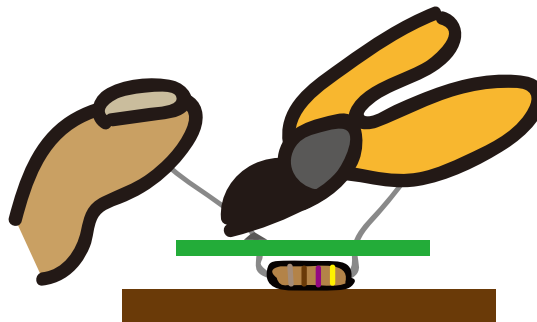
3. leave the solder



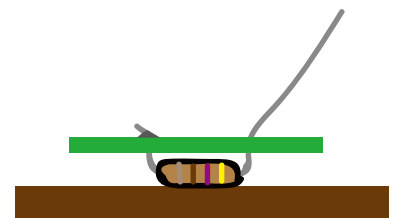
4. leave the iron
triangle shape is the best!
if not enough, back to 1



1. attach the wire by the finger
(danger to jump the wire)



2. cut the wire by the nipper
(a little above the triangle)



completed!! go a head!

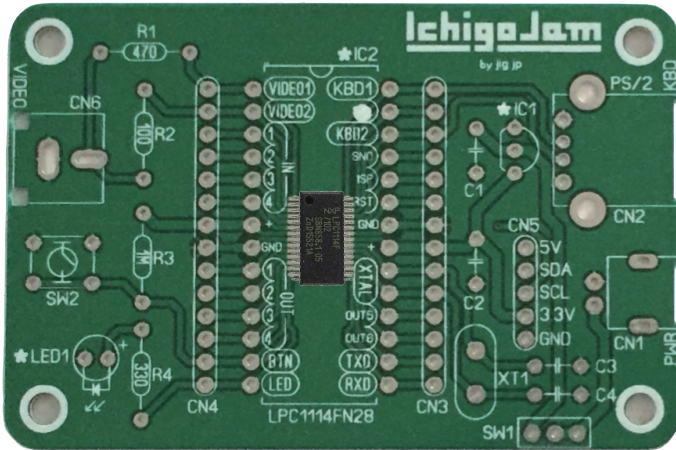


<http://ichigojam.net/>

IchigoJam T (Half kit) - How to Build

1. PCB (Logo printed surface is front)

* IC2 take off the sponge & the IC socket



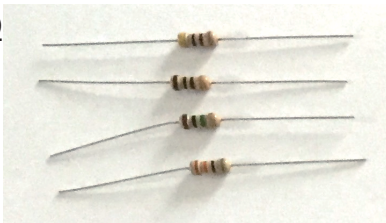
2. R1~R4 Resistor (no directions, cut back)

R1 YePuBrGld 470Ω

R2 BrBkBrGld 100Ω

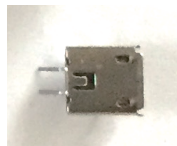
R3 BrBkGrGld 1MΩ

R4 OrOrBrGld 330Ω



3. CN1 microUSB terminal

(First put in left side 2 pins
more solder, be careful HOT!)



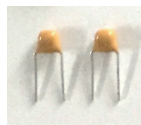
4. XT1 12MHz Crystal

(no directions, cut back)



5. C1/C2 Capacitor 106(10uF)

(no directions, cut back)



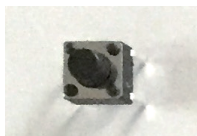
6. C3/C4 Capacitor 15(15pF)

(no directions, cut back)



7. SW2 Tact Switch

(Snap to fix)



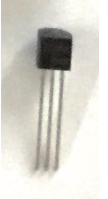
8. CN2 USB terminal

(be careful HOT!)

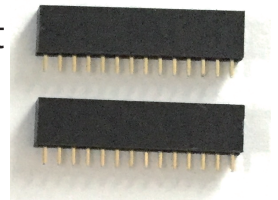


9. IC1 3 terminal regulator ★
(rounded to the right, cut back)

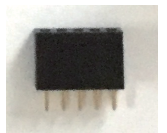
directions!!



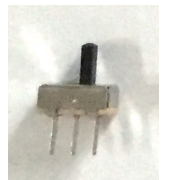
10. CN3/CN4 14P pin socket



11. CN5 5P pin socket

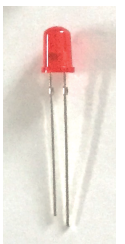


12. SW1 Slide Switch
(no directions,
slide to the right)

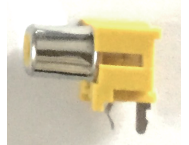


13. LED1 ★
(long side to the right, cut back)

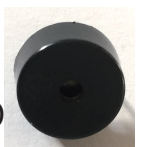
directions!!



14. CN6 NTSC video terminal
(Snap to fix)



15. CN3 Sounder
(no soldering, put in GND-SOUND)



* You can seal on IC socket and set on IC2