

IchigoJam Kit, PC for your first programming

IchigoJam is a PC to learn programming with BASIC. You can make games and tools on TV, control robots with sensors, just connect a PS/2 keyboard and a TV with a video cable, micro USB for the power.

- How to make (list of parts)

IchigoJam printed circuit

R1 resistor 470 Ω YePpBrGld

R2 resistor 100 Ω BrBlkBrGld

R3 resistor 1M Ω BrBlkGrGld

R4 resistor 330 Ω OrOrBrGld

IC2 micro controller LPC1114 (IchigoJam Core) *upper with cut side

CN1 7pins, cut 5pins and two 1pin, and put into printed circuit

CN1 micro USB connector *put on to pins, soldering from up, upside down, soldering

C1, C2 two condensors 0.1 μ F

IC1 3pins regulator *flat side for the left

LED1 a red RED *longer pin for the right

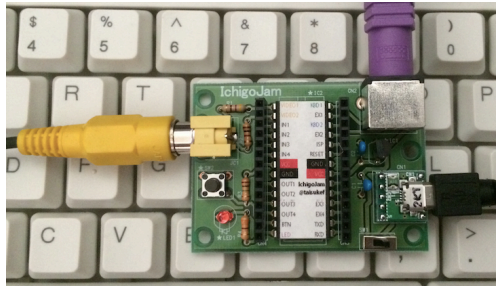
SW1 a slide switch *to turn off to slide right

SW2 a tact switch *to be row

CN3, CN4 two 14pins socket

CN2 PS/2 connetor *after solder a point, push to printed circuit with soldering

JC1 video connector



- How to run

Connect a keyboard, a TV and a power source with micro USB.

Slide left a switch to boot.(just 1sec to boot!)

Press "LED 1", and hit a enter to light LED. "LED 0" to light off.

To get IchigoJam BASIC reference and the others, see also <http://ichigojam.net/>

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