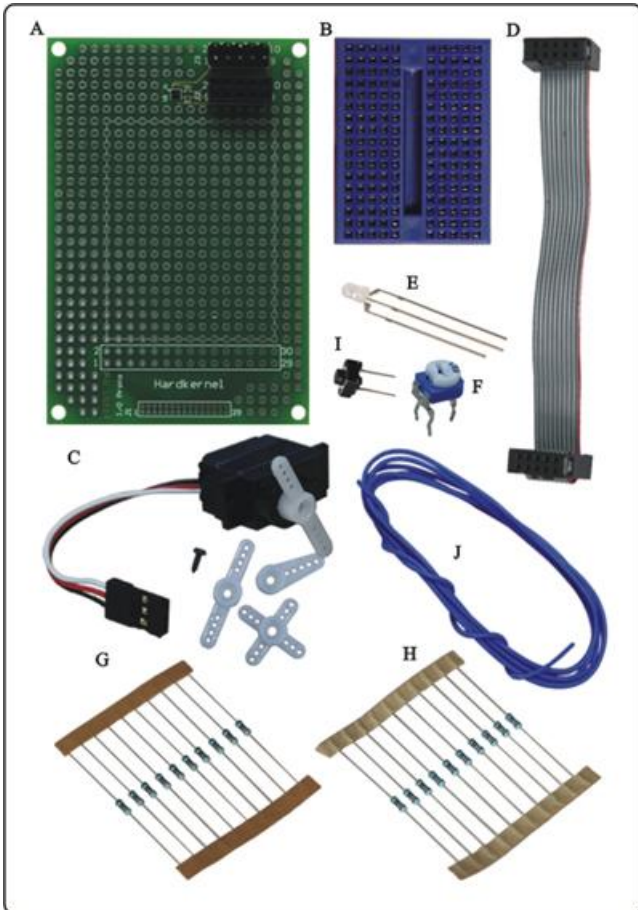


Tinkering Kit is a package for DIY electronics.

- Blinking LEDs
- Controlling a servo motor
- Responding to buttons
- Twisting a volume knob to read an angle position of potential meter (trimpot)

To use this Tinkering Kit, you need the U3 Shield board!



U3 Shield Tinkering Kit Includes:

- A. 1 x U3 Shield Tinkering Kit PCB
- B. 1 x Mini Breadboard with strong self-adhesive backing (Random color)
- C. 1 x Micro Servo (9 gram, 1.6kg Torque, 23.6 * 11.4 * 24 mm, 3.0~6.0Volt)
- D. 1 x Ribbon Cable is a 10 conductor cable with two 5x2 receptacles with .100" spacing. (100mm length)
- E. 1 x 3mm Dual color LED (Red + Green / Cathode common)
- F. 1 x 10K potentiometer with a small knob
- G. 10 x 330Ohm Resistor (1/4Watt, 1%)
- H. 10 x 10kOhm Resistor (1/4Watt, 1%)
- I. 2 x Mini Push Button Switch
- J. 1 x Hook-up wire for breadboard (1 meter, 0.6mm Wire diameter, AWG 22)

The U3 Shield Tinkering Kit is a bag of goodies to get the makers to start with ODROID connected electronics. It includes all the bits you need to build several basic circuits, **no soldering required!**

On top of that, we will supply application source code to get you started.

We believe these to be the building blocks of any electronics project based on ODROID devices. Once these concepts are mastered, very impressive projects are possible using simple recombinations.

Note! : Because breadboard needs many connecting wires(hook-up jumper wire), developer must have a tool which can cut and strip the standard 0.6mm(22AWG) wire. When you buy it, check if it sets 0.25~0.8mm or 20~30AWG.