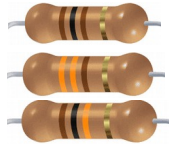# Turtle Robot Board Assembly (V2)

Assemble in order indicated.

1. Resistors:
- No polarity
- 100 ohm = brn-blk-brn
- 330 ohm = org-org-brn
- 10K ohm = brn-blk-org

7. Headers:
- White JST: Slots outward
- Black 2-position: Openings outward
- Servo 3-position: long legs up

2. IC socket:
- Match divot on left side.

6.Switch:
- No polarity

3. Button:
- Match legs to holes
- Press to snap in place

4. LEDS / IR / Detector:
- LED (D13, D7): long leg is positive. Square Pad
- Clear IR Emitter (D11, D10): long leg is positive. Square Pad
- Black IR Detector (A0, A1): Long leg emmiter ("E").

5. Capacitors:
- 1 uF no polarity "104"
- 10 uF long leg positive
- 100 uF long leg positive