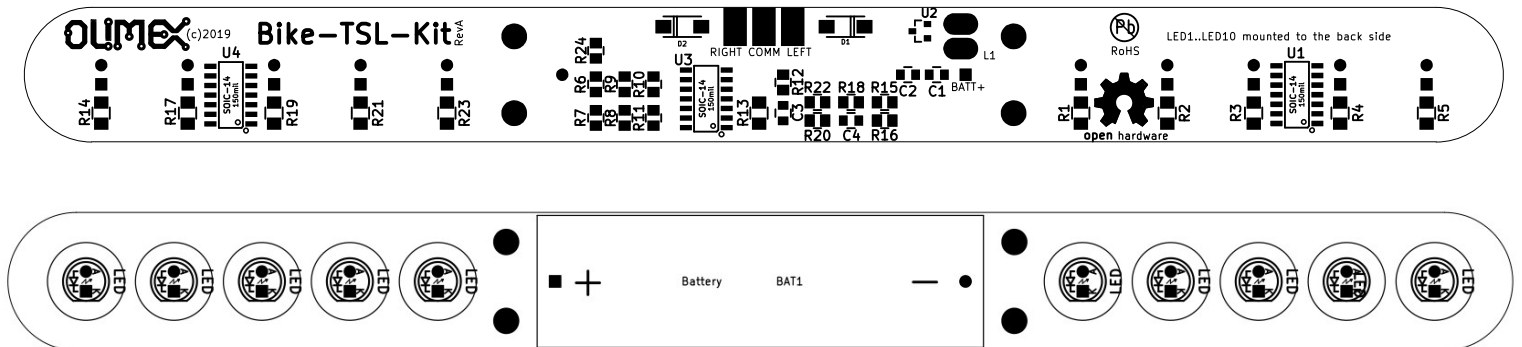


# Bike-TSL-Kit assembly guide

1. Solder the integrated circuits U1, U2, U3, U4. Pay attention of PIN1 mark of U1,U3,U4.
2. Solder the resistors 1206 220 ohm (mark 221): R1, R2, R3, R4, R5, R13, R14, R17, R19, R21, R23
3. Solder the resistors 0805 22 k ohm (mark 223): R6, R7, R8, R9, R10, R11, R12, R15, R16, R18, R22, R22, R24
4. Solder the capacitors 0805 10uF/6.3V: C1, C2, C3, C4
5. Solder the diodes SMA 1N5822: D1, D2. Attention there is polarity watch the mark!
6. Solder the inductor CD43 4.7uH L1



7. Solder the LEDs: LED1 ... LED10. Long lead goes in the circle pad.
8. Solder the battery holder. Pay attention for plus and minus signs.
9. Remove insulation of the button cables and solder them this way:  
Red wires to Right and Left pads, both black wires to COMM pad.