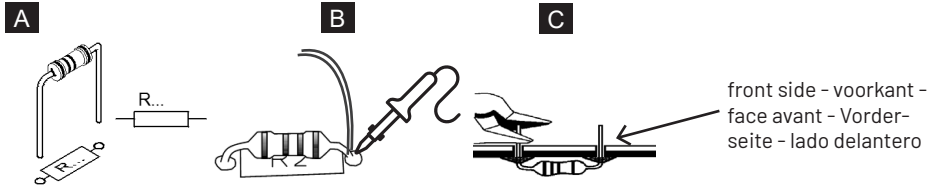


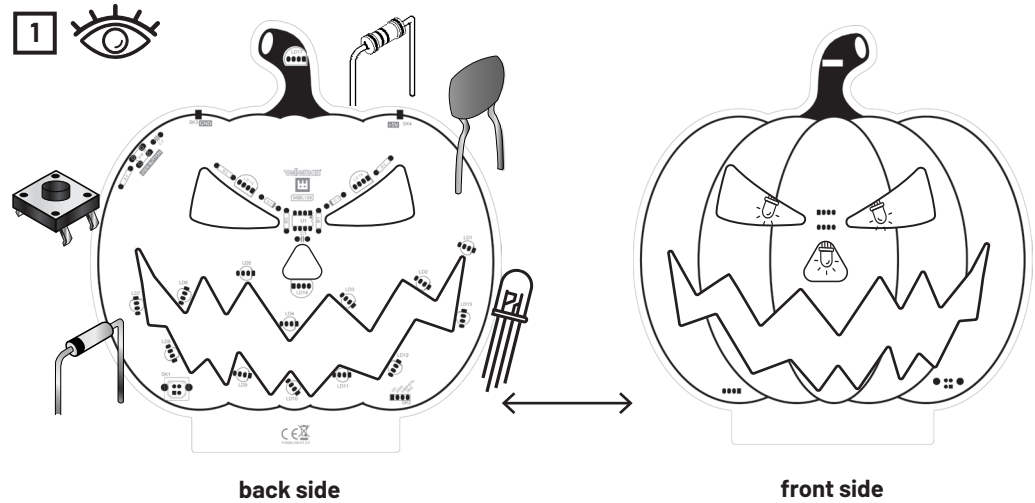
i Soldering - Solderen - Soudage - Löten - Soldadura



- EN** Follow the tutorial and learn how to solder on:
- NL** Volg de tutorial en leer solderen op:
- FR** Suivez le tutoriel et apprenez à souder sur:
- DE** Folgen Sie der Anleitung und lernen Sie, wie man auf:
- ES** Sigue el tutorial y aprende a soldar en:

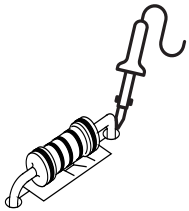


www.whadda.com/start-to-solder

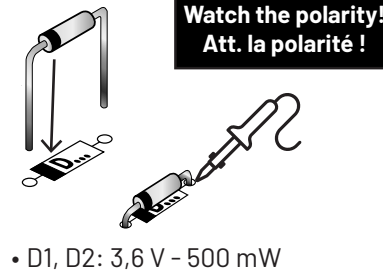


2 Resistor

- R1: 1K5 ohm | brown, green, red - bruin, groen, rood - brun, vert, rouge - Braun, grün, rot - marrón, verde, roja
- R2, R3: 68 ohm | blue, grey, black - blauw, grijs, zwart - bleu, gris, noir, - ohm blau, grau, schwarz - azul, gris, negro
- R4: 10K | brown, black, orange - bruin, zwart, oranje - brun, noir, orange - Braun, Schwarz, Orange - marrón, negro, naranjado
- R5: 470 ohm | yellow, purple, brown - geel, paars, bruin - jaune, violet, brun - gelb, violett, braun - amarillo, morado, marrón

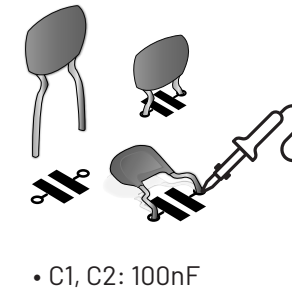


3 Zener diodes



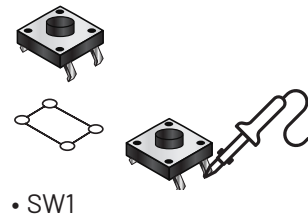
- D1, D2: 3,6 V - 500 mW

4 Capacitors



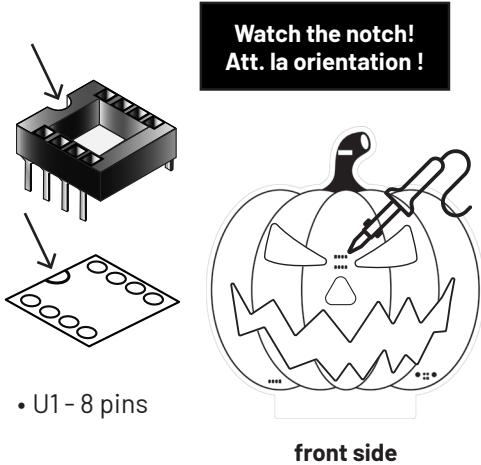
- C1, C2: 100nF

5 Button



- SW1

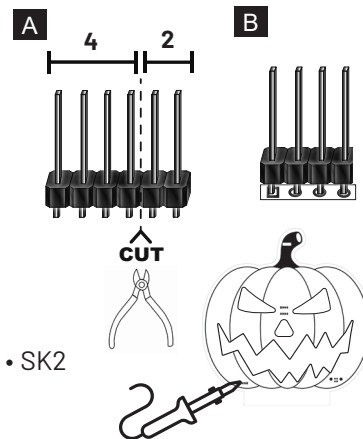
6 IC socket



- U1 - 8 pins

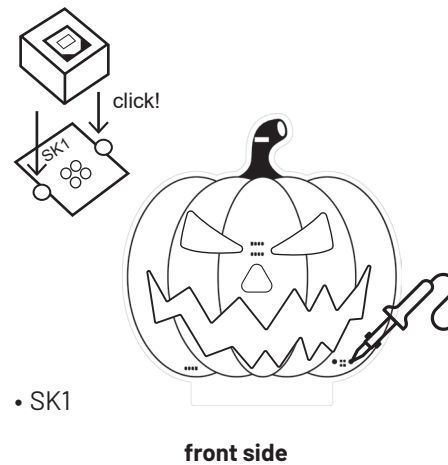
front side

7 Pin header - optional for external control



- SK2

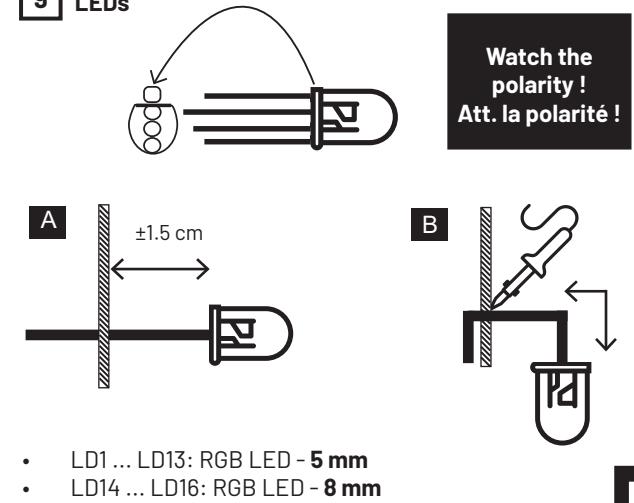
8 USB connector



- SK1

front side

9 LEDs



- LD1 ... LD13: RGB LED - 5 mm
- LD14 ... LD16: RGB LED - 8 mm



