front side - voorkant - face avant - Vorderseite - lado delantero - przód

solder side - côté soudure - soldeer zijde - Lötseite - lado de la soldadura - strona lutownicza

## 1 Resistor - Weerstand - Résistance - Widerstand - Resistencia - Motstand - Vastus - Resistenze

A

B

C

R...

front side - voorkant - face avant - Vorderseite - lado delantero
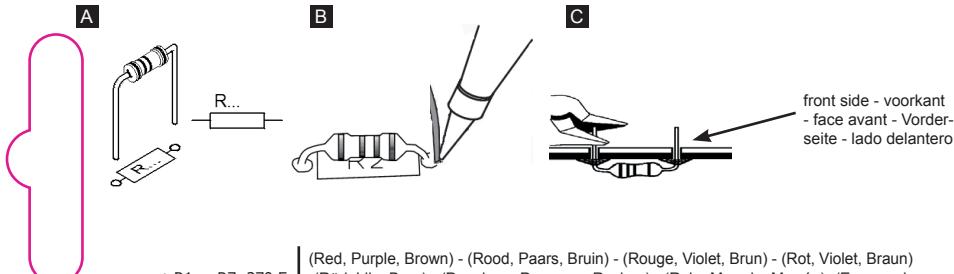
◇ R1 ... R7: 270 E

(Red, Purple, Brown) - (Rood, Paars, Bruin) - (Rouge, Violet, Brun) - (Rot, Violet, Braun) -(Röd, Lila, Brun) - (Punainen, Purppura, Ruskea) - (Rojo, Morado, Marrón) -(Encarnado, Violeta, Castanho) - (Rosso, Viola, Marrone) - (czerwony, fioletowy, brązowy)

2 Cermaic capacitor

c...
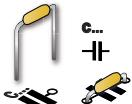
◇ C2: 100nF (104)

3 IC

!
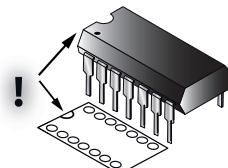
Watch the notch! Att. l'entailler !

◇ IC1: VMK199 (programmed PIC16F1503-I/P)

4 Capacitor

C...
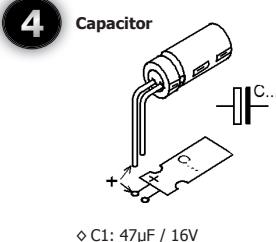
Watch the polarity ! Att. la polarité !

◇ C1: 47µF / 16V
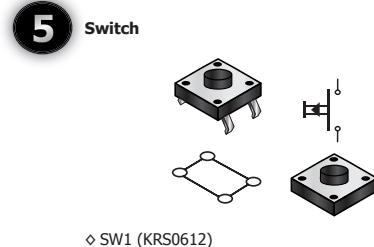
5 Switch

◇ SW1 (KRS0612)

6 LED

+ −

Watch the polarity ! Att. la polarité !

front side - voorkant - face avant - Vorderseite - lado delantero - przód
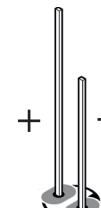
◇ LD1 ... LD16: white diffused LED (L-5WDN/1)
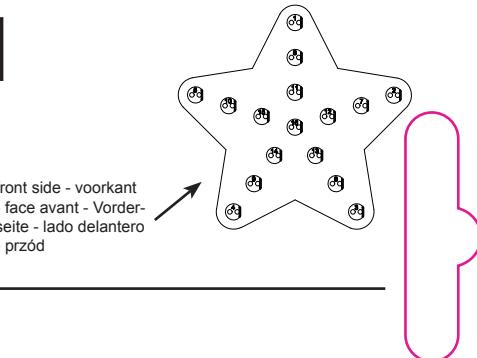
7 Battery holder

A

B
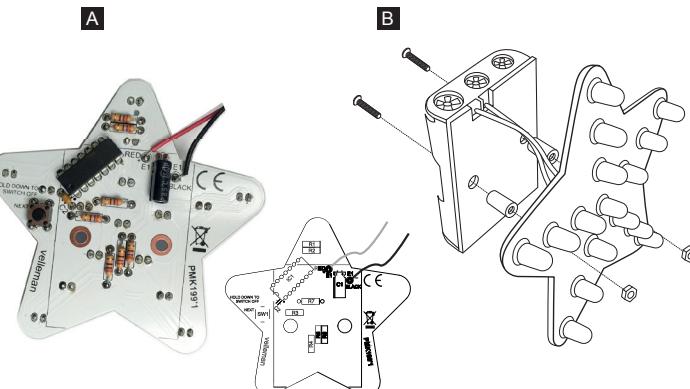
Press switch: ON

1 x soft light
2 x strong light
3 x strong inside
4 x strong outside
5 x slow fade
6 x quick fade
7 x slow inside to outside fill
8 x explode
9 x implode
10 x flashing LEDs #1
11 x counter clockwise rotation
12 x clockwise rotation
13 x spiral in and out
14 x flashing LEDs #2

Press long: OFF