

**1**

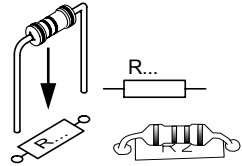
Resistor - Weerstand - Résistance - Widerstand - Resistencia - Motstand - Vastus - Resistenze

◇ R1... R4: 470

(Yellow, Purple, Brown) -(Geel, Paars, Bruin) -(Jaune, Violet, Brun) -(Gelb, Violet, Braun) -(Gul, Lila, Brun) -(Keltainen, Purppura, Ruskea) -(Amarillo, Morado, Marrón) -(Amarelo, Violeta, Castanho) -(Giallo, Viola, Marrone)

(Yellow, Purple, Red) -(Geel, Paars, Rood) -(Jaune, Violet, Rouge) -(Gelb, Violet, Rot) -(Gul, Lila, Röd) -(Keltainen, Purppura, Punainen) -(Amarillo, Morado, Rojo) -(Amarelo, Violeta, Encarnado) -(Giallo, Viola, Rosso)

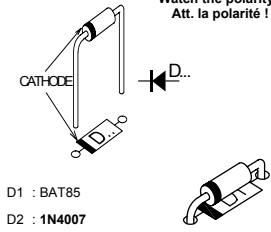
(Yellow, Purple, Black) -(Geel, Paars, Zwart) -(Jaune, Violet, Noir) -(Gelb, Violet, Schwarz) -(Gul, Lila, Svart) -(Keltainen, Purppura, Musta) -(Amarillo, Morado, Negro) -(Amarelo, Violeta, Preto) -(Giallo, Viola, Nero)



**2**

Diode

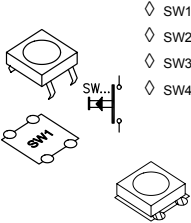
Watch the polarity!  
Att. la polarité!



◇ D1 : BAT85  
◇ D2 : 1N4007

**3**

Push buttons

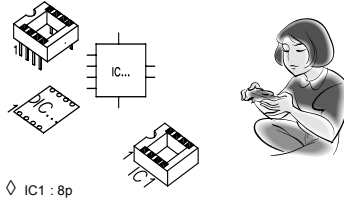


◇ SW1  
◇ SW2  
◇ SW3  
◇ SW4

**4**

IC socket

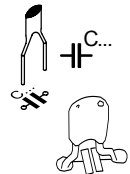
WATCH THE POSITION  
OF THE NOTCH!  
ATTENTION A LA POSITION DE  
L'ENCOCHE!



◇ IC1 : 8p

**5**

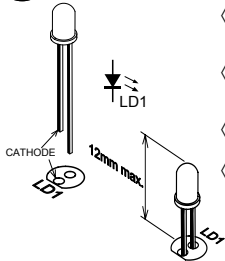
Capacitor



◇ C1:1µF (105)

**6**

LED

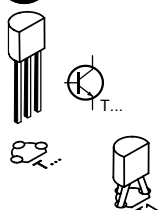


Watch the polarity!  
Att. la polarité!

◇ LD1 : Yellow-Geel-Jaune-Gelb-Gul-Keltainen-Amarillo-Amarelo-Giallo  
◇ LD2 : Red, Rood, Rouge, Rot, Röd, Punainen, Rojo, Encarnado, Rosso.  
◇ LD3 : Green, Groen, Vert, Grün, Grön, Vihreä, Verde  
◇ LD4 : Red, Rood, Rouge, Rot, Röd, Punainen, Rojo, Encarnado, Rosso.

**7**

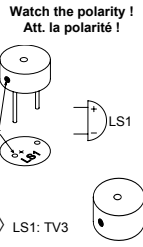
Transistor



◇ T1: BC547

**8**

Loudspeaker

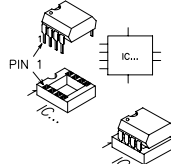


◇ LS1: TV3

**9**

IC

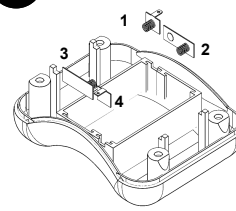
WATCH THE POSITION  
OF THE NOTCH!  
ATTENTION A LA POSITION DE  
L'ENCOCHE!



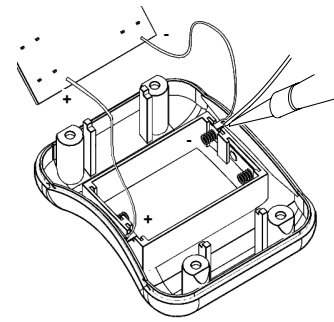
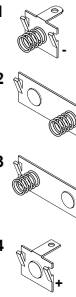
◇ IC1 : PIC12C508A

**10**

Battery lips



**1**



**2**



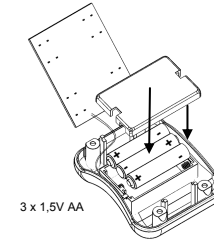
**3**



**4**

**11**

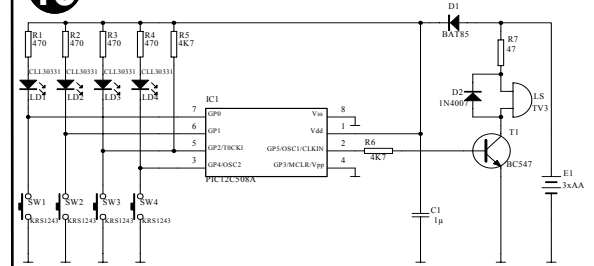
Batteries



3 x 1,5V AA

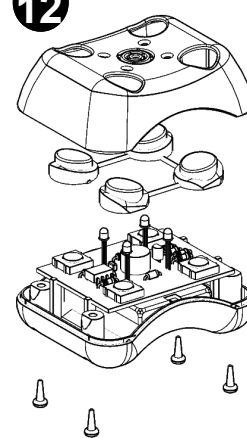
**13**

Diagram



**12**

Assembly



START:

**1**

**2**

**5**

**20**

LEVEL 1

LEVEL 2= 10

LEVEL 3= 15

LEVEL 4

