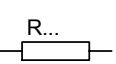


1 Resistor - Weerstand - Resistance - Widerstand - Resistencia - Mot tãnd - Vastus - Resistenze



◇ R1 ... R3: 1K5

◇ R4 : 10K

◇ R5 ... R7 : 560

◇ R8 ... R12 : 150

◇ R13, R14 : 1K

(Brown, Green, Red) - (Bruin, Groen, Rood) - (Brun, Vert, Rouge) - (Braun, Grün, Rot) - (Brun, Grön, Röd) - (Ruskea, Vihreä, Punainen) - (Marrón, Verde, Rojo) - (Castanho, Verde, Encarnado) - (Marrone, Verde, Rosso)

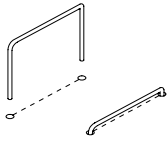
(Brown, Black, Orange) - (Bruin, Zwart, Oranje) - (Brun, noir, Orange) - (Braun, Schwarz, Orange) - (Brun, Svart, Orange) - (Ruskea, Musta, Oranssi) - (Marrón, Negro, Naranja) - (Castanho, Preto, Laranja) - (Marrone, Nero, Aranciato)

(Green, Blue, Brown) - (Groen, Blauw, Bruin) - (Vert, Bleu, Brun) - (Grün, Blau, Braun) - (Grön, Blå, Brun) - (Vihreä, Sininen, Ruskea) - (Marrón, Azul, Marrón) - (Verde, Azul, Castanho) - (Verde, Blu, Marrone)

(Brown, Green, Brown) - (Bruin, Groen, Bruin) - (Brun, Vert, Brun) - (Braun, Grün, Braun) - (Brun, Grön, Brun) - (Ruskea, Vihreä, Ruskea) - (Marrón, Verde, Marrón) - (Castanho, Verde, Castanho) - (Marrone, Verde, Marrone)

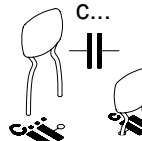
(Brown, Black, Red) - (Bruin, Zwart, Rood) - (Brun, Noir, Rouge) - (Braun, Schwarz, Rot) - (Brun, Svart, Röd) - (Ruskea, Musta, Punainen) - (Marrón, Negro, Rojo) - (Castanho, Preto, Encarnado) - (Marrone, Nero, Rosso)

2 JUMPER



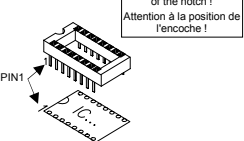
◇ J

3 Capacitor



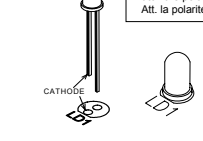
◇ C1, C2 : 100nF

4 IC-socket



◇ IC1 : 14p

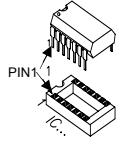
5 3mm LEDs



◇ LD2 ... LD4 : 3mm red
◇ LD6 ... LD26 : 3mm red

6 IC-socket

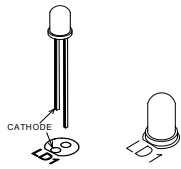
Watch the position of the notch!
Attention à la position de l'encoche!



◇ IC1 : VKM175
(programmed PIC16F630-IP)

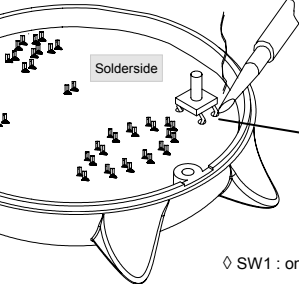
7 5mm LEDs

Watch the polarity!
Att. la polarité!

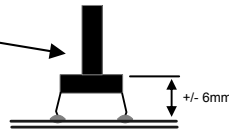


◇ LD1 : 5mm red
◇ LD5 : 5mm red

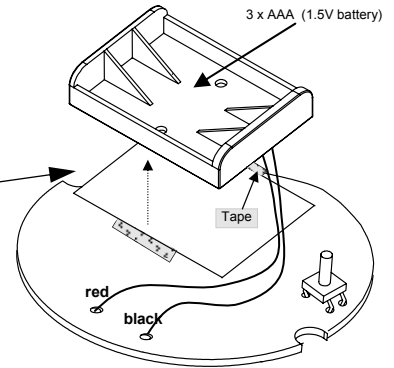
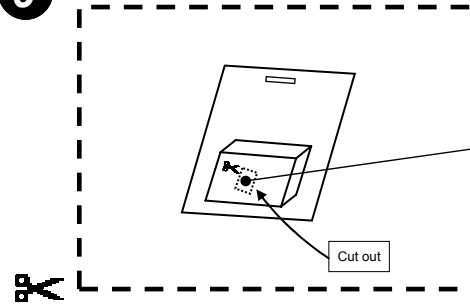
8 Push button



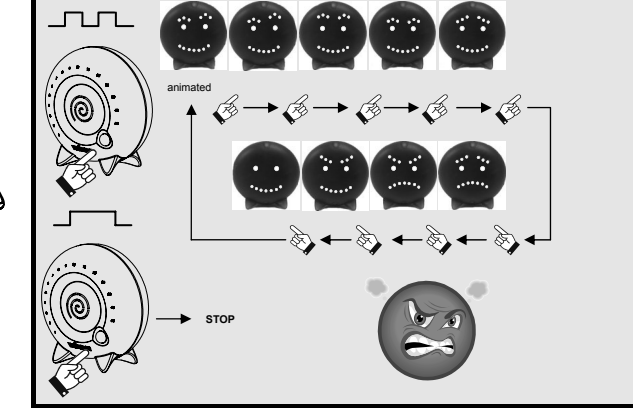
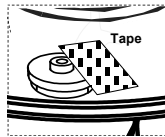
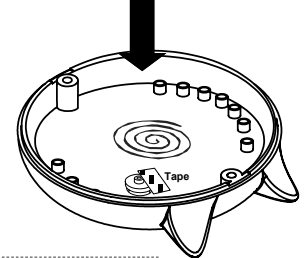
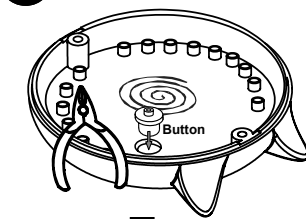
◇ SW1 : on/off/expression



9 isolator & batteryholder



10 cut : nr. :8,9,10,15,20,25



Schematic diagram on www.velleman.be

