

**1**

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

◇ R1, R2 : 470

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

◇ R3 : 47

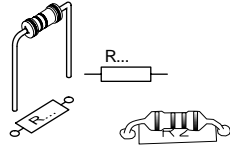
(Yellow, Purple, Black) - (Geel, Paars, Zwart) - (Jaune, Violet, Noir) - (Gelb, Violett, Schwarz) - (Gul, Lila, Svart) - (Keltainen, Purppura, Musta) - (Amarillo, Morado, Negro) - (Amarelo, Violeta, Preto) - (Giallo, Viola, Nero)

◇ R4 ... R6 : 33K

(Orange, Orange, Orange) - (Oranje, Oranje, Oranje) - (Oranssi, Oranssi, Oranssi) - (Naranja, Naranja, Naranja) - (Laranja, Laranja, Laranja) - (Aranciato, Aranciato, Aranciato)

◇ R7 ... R9 : 100K

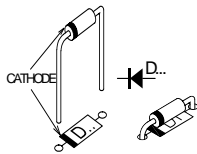
(Brown, Black, Yellow) - (Bruin, zwart, Geel) - (Brun, noir, Jaune) - (Braun, Schwarz, Gelb) - (Brun, Svart, Gul) - (Ruskea, Musta, Keltainen) - (Marrón, Negro, Amarillo) - (Castanho, Preto, Amarelo) - (Marrone, Nero, Giallo)



**2**

**DIODES**

Watch the polarity!  
Att. À la polarité!

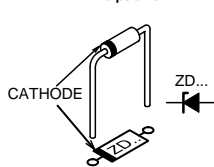


◇ D1, D2 : 1N4148

**3**

**ZENERDIODE**

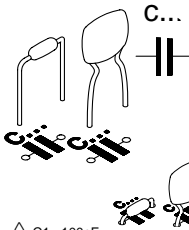
Watch the polarity!  
Att. À la polarité!



◇ ZD1 : 5V1

**4**

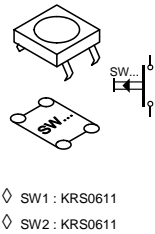
**CAPACITOR**



◇ C1 : 100nF

**5**

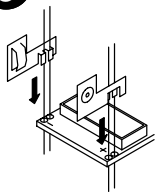
**PUSH BUTTON**



◇ SW1 : KRS0611  
◇ SW2 : KRS0611

**6**

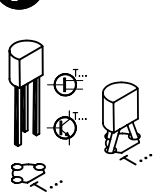
**BATTERY CONTACTS**



◇ +  
◇ -

**7**

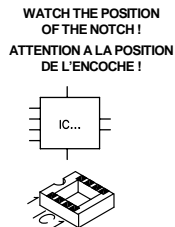
**TRANSISTORS**



◇ T1 : BC639

**8**

**IC SOCKET**

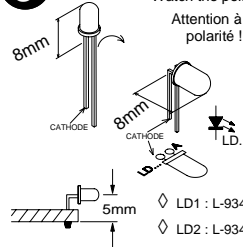


◇ IC1 : 8p

**9**

**IR LED's**

Watch the polarity!  
Attention à la polarité!

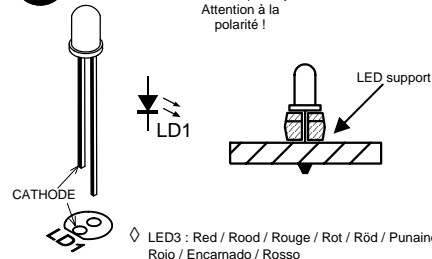


◇ LD1 : L-934F3BT  
◇ LD2 : L-934F3BT

**10**

**LEDs**

Watch the polarity!  
Attention à la polarité!

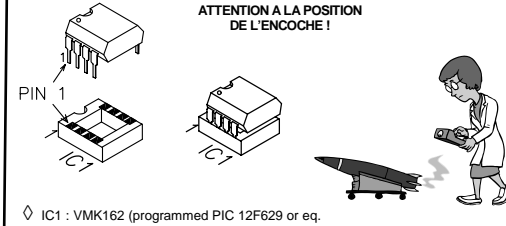


◇ LED3 : Red / Rood / Rouge / Rot / Röd / Punainen / Rojo / Encarnado / Rosso

**11**

**IC**

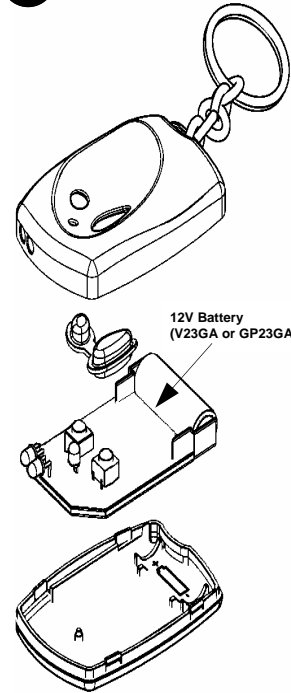
WATCH THE POSITION  
OF THE NOTCH!  
ATTENTION A LA POSITION  
DE L'ENCOCHE!



◇ IC1 : VMK162 (programmed PIC 12F629 or eq.)

**12**

**ASSEMBLY**



**SCHEMATIC DIAGRAM**

