

**1**

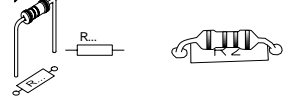
**Resistor - Weerstand - Résistance - Widerstand - Resistencia - Motstand - Vastus - Resistenze**

◇ R1...R3 : 560

(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)

◇ R4, R5 : 47K

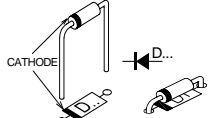
(Yellow, Purple, Orange) -(Geel, Paars, Oranje) -(Jaune, Violet, Orange) -(Gelb, Violet, Orange) -(Gul, Lila, Orange) -(Keltainen, Purppura, Oranssi) -(Amarillo, Morado, Naranja) -(Amarelo, Violeta, Laranja) -(Giallo, Viola, Aranciato)



**2**

**DIODES**

Watch the polarity!  
Att. À la polarité!

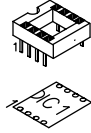


◇ D1 : 1N4007  
◇ D2, D3 : 1N4148

**3**

**IC SOCKET**

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

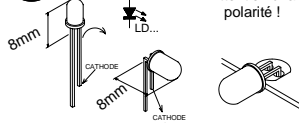


◇ IC1 : 8p

**4**

**LED's**

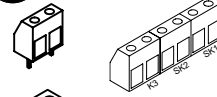
Watch the polarity!  
Attention à la polarité!



◇ LD1 ... LD3 : Red / Rood / Rouge / Rot / Röd / Punainen / Rojo / Encarnado / Rosso

**13**

**SCREW CONNECTORS**



◇ SK1 : 12VDC

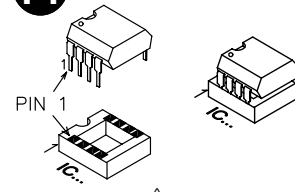
◇ SK2 : output 1 (NO- contact)

◇ SK3 : output 2 (NO- contact)

◇ SK1, SK2, SK3 : 2p

**14**

**IC**



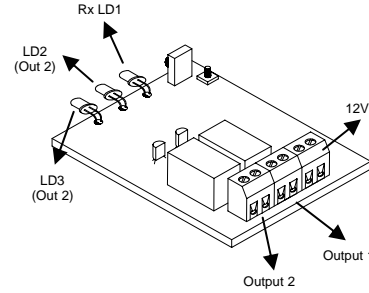
◇ IC1 : PIC12F629

**INSTRUCTIONS**

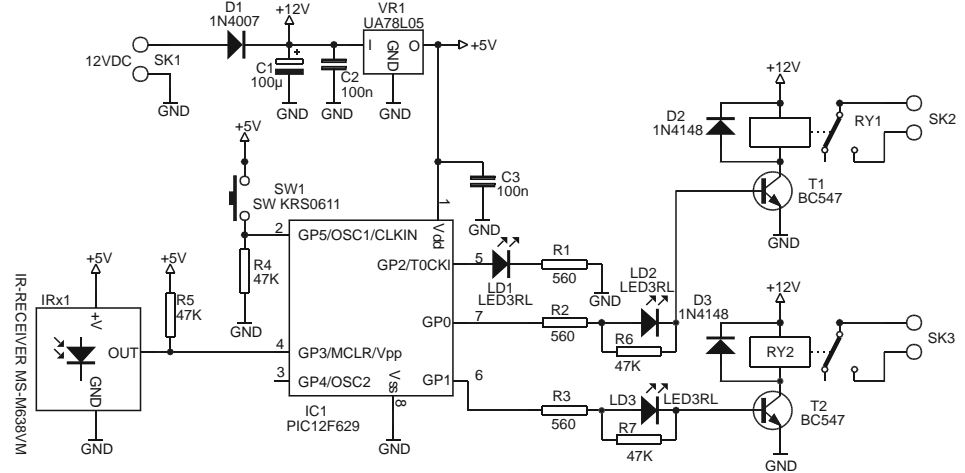
◇ To choose between 'PULSE' and 'TOGGLE' : press and hold the 'PROG'-button and press the button of the desired channel on the remote.  
LD1 : one flash = 'PULSE' , two flashes = 'TOGGLE'.

◇ To change the button to which the receiver responds, press the 'PROG'-button until the desired channel is turned on. Next, press the remote button to which you would like the receiver to respond.

◇ To return to factory settings, press and hold the 'PROG'-button while applying power to the unit. LD1 will flash 5 times.

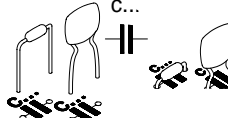


**SCHEMATIC DIAGRAM**



**5**

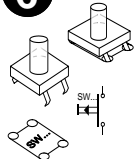
**CAPACITOR**



◇ C2, C3 : 100nF (104)

**6**

**PUSH BUTTON**

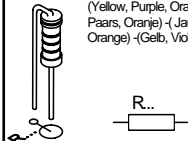


◇ SW1 : Prog.

**7**

**RESISTORS**

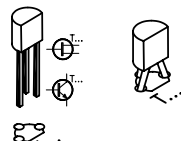
(Yellow, Purple, Orange) -(Geel, Paars, Oranje) -(Jaune, Violet, Orange) -(Gelb, Violet, Orange)



◇ R6, R7 (47K)

**8**

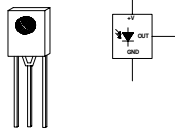
**TRANSISTORS**



◇ T1, T2 : BC547

**9**

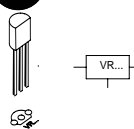
**IR-RECEIVER**



◇ IRx1 : MS-M638VM

**10**

**VOLTAGE REGULATOR**

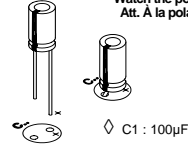


◇ VR1 : UA78L05

**11**

**ELECTROLYTIC CAPACITORS**

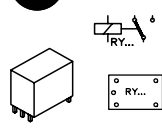
Watch the polarity!  
Att. À la polarité!



◇ C1 : 100µF

**12**

**RELAYS**



◇ RY1, RY2 : VR3D121C6