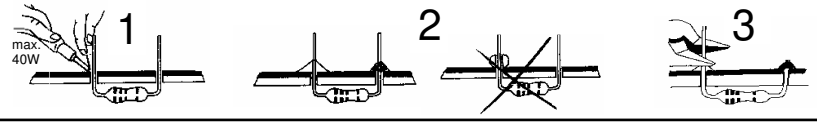
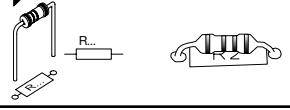
Soldering - Solderen - Soudage - Löten - Soldadura - Lödning - Juottami nen - Saldatura - Solda



START

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

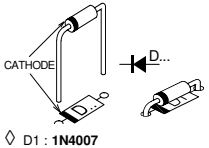


◊ R1…R3 : 560 (Green, Blue, Brown) -(Groen, Blauw, Bruin) -(Vert, Bleu, Brun) -(Grün, Blau, Braun) - (Grön, Blå, Brun) -(Vihreä, Sininen, Ruskea) -(Marrón, Azul, Marrón) - (Verde, Azul, Castanho) -(Verde, Blu, Marrone)

◊ R4, R5 : 47K (Yellow, Purple, Orange) -(Geel, Paars, Oranje) -(Jaune, Violet, Orange) -(Gelb, Violet, Orange) -(Gul, Lila, Orange) -(Keltainen, Purppura, Oranssi) - (Amarillo, Morado, Naranjado) -(Amarelo, Violeta, Laranja) - (Giallo, Viola, Aranciato)

2 DIODES

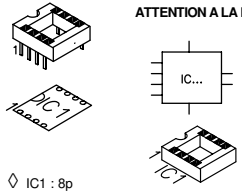
Watch the polarity! Att. À la polarité!



◊ D1 : **1N4007**
◊ D2 , D3 : 1N4148

3 IC SOCKET

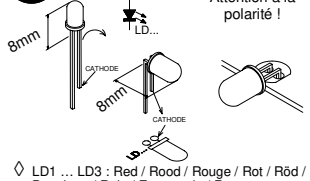
WATCH THE POSITION OF THE NOTCH !
ATTENTION A LA POSITION DE L'EN-



◊ IC1 : 8p

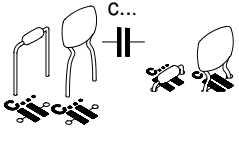
4 LED's

Watch the polarity !
Attention à la polarité !



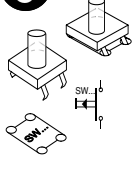
◊ LD1 … LD3 : Red / Rood / Rouge / Rot / Röd / Punainen / Rojo / Encarnado / Rosso

5 CAPACITOR



◊ C2, C3 : 100nF (104)

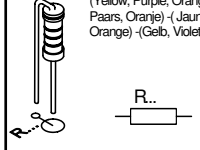
6 PUSH BUTTON



◊ SW1 : Prog.

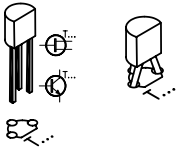
7 RESISITORS

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



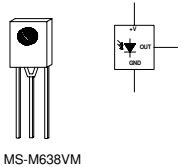
◊ R6, R7 (47K)

8 TRANSISTORS



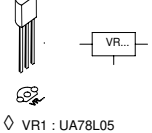
◊ T1, T2 : BC547

9 IR-RECEIVER



◊ IRx1 : MS-M638VM

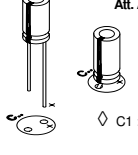
10 VOLTAGE REGULATOR



◊ VR1 : UA78L05

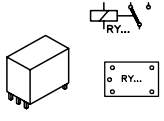
11 ELECTROLYTIC CAPACITORS

Watch the polarity! Att. À la polarité!



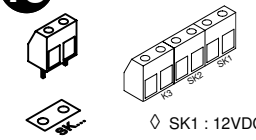
◊ C1 : 100µF

12 RELAYS



◊ RY1, RY2 : VR3D121C6

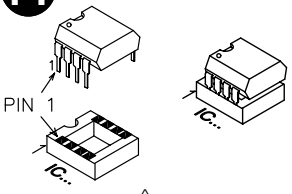
13 SCREW CONNECTORS



◊ SK1 : 12VDC
◊ SK2 : output 1 (NO- contact)
◊ SK3 : output 2 (NO- contact)

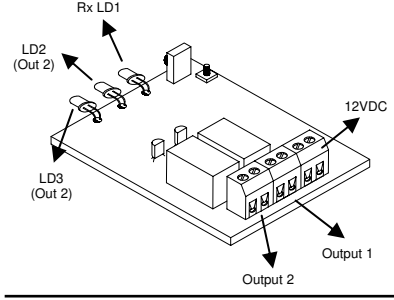
◊ SK1, SK2, SK3 : 2p

14 IC



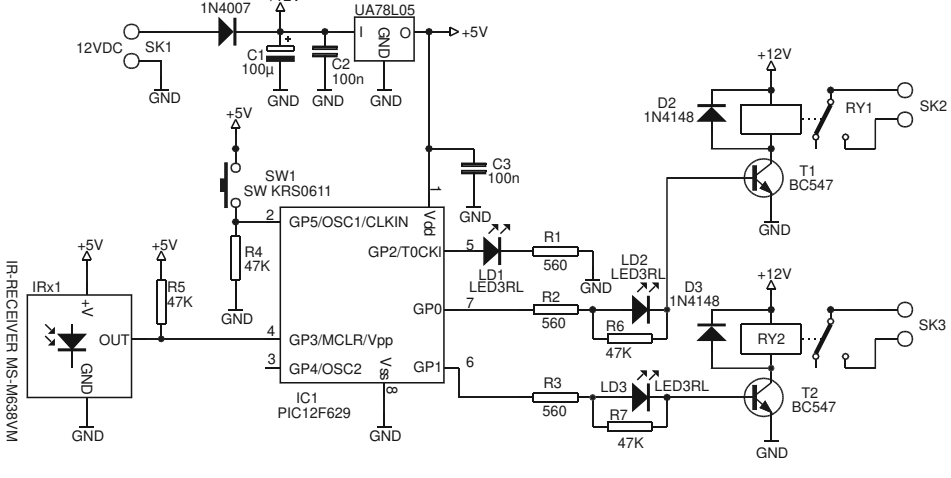
◊ IC1 : PIC12F629

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