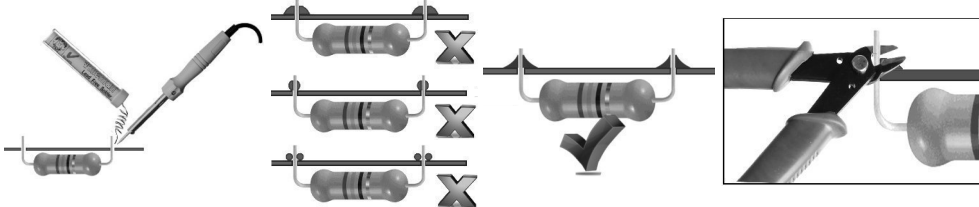


Soldering - Solderen - Soudage - Löten - Soldadura - Lötning - Juottaminen - Saldatura - Solda



Component side - Componentenzijde - Côte composants - Bauteileseite - Lado de los componentes

START

1

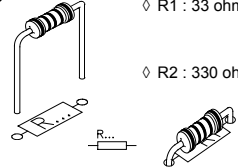
Resistor - Weerstand - Résistance - Widerstand - Resistencia - Motstand - Vastus - Resistenze

◇ R1 : 33 ohm

◇ R2 : 330 ohm

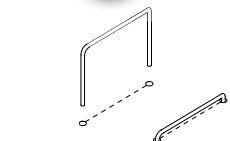
(Orange, Orange, Black) - (Oranje, Oranje, Zwart) - (Orange, Orange, Noir) - (Orange, Orange, Schwarz) - (Orange, Orange, Svart) - (Oranssi, Oranssi, Musta) - (Naranjado, Naranjado, Negro) - (Laranja, Laranja, Preto) - (Aranciato, Aranciato, Nero)

(Orange, Orange, Brown) - (Oranje, Oranje, Bruin) - (Orange, Orange, Brun) - (Orange, Orange, Braun) - (Orange, Orange, Brun) - (Oranssi, Oranssi, Ruskea) - (Naranjado, Naranjado, Marrón) - (Laranja, Laranja, Castanho) - (Aranciato, Aranciato, Marrone)



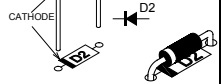
2 Jumper

◇ J1



3 Diode

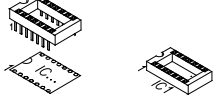
Watch the polarity!  
Att. la polarité!



◇ D1, D2 : 1N4007

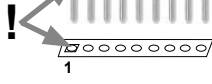
4 IC-Socket

Watch the notch!  
Attention à l'encoche!



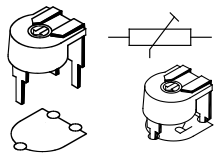
◇ IC1 : 14p

5 Resistor Array



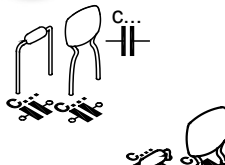
◇ RA1 : 47K

6 Horizontal Trimmer



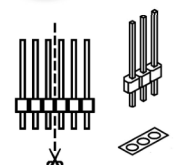
◇ RV1, RV2 : 4K7

7 Ceramic capacitors



◇ C2 ... C7 : 100nF (104)

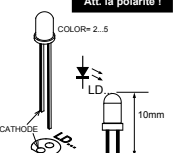
8 Pin header



◇ 4 x 3p  
◇ 2 x 2p

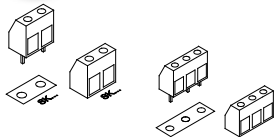
9 LED

Watch the polarity!  
Att. la polarité!



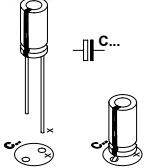
◇ LD1 : red

10 Terminal blocks



◇ SK1 : 2p (power)  
◇ SK2 : 3p (output)

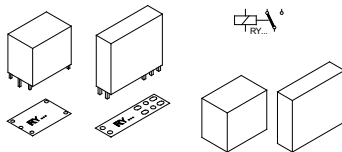
11 Electrolytic capacitors



Watch the polarity!  
Att. la polarité!

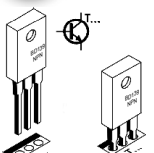
◇ C1 : 220µF

12 Power relay



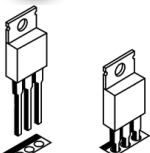
◇ RY1 : VR17V121C

13 Transistor



◇ T1 : BD139

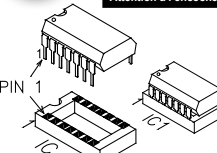
14 Voltage regulator



◇ VR1 : UA7805

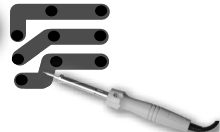
15 IC

Watch the notch!  
Attention à l'encoche!



◇ IC1 : PIC16F676

16



**IMPORTANT:**  
PUT AN EXTRA LAYER OF SOLDER  
ON ALL PRE-THINNED PCB TRACKS,  
TO IMPROVE THEIR CURRENT  
HANDLING CAPABILITIES.

