

START

1

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

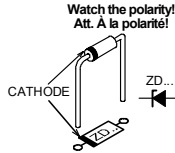
◇ R1 : 1K
◇ R2 ... R7 : 10K

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



2

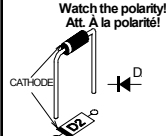
Zenerdiode



◇ ZD1 : 5V1

3

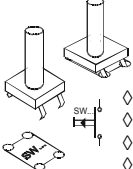
Diode



◇ D1 : 1N4007

4

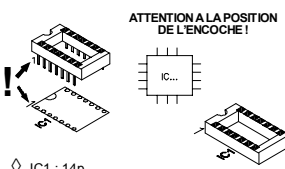
Push button



◇ SW1 : UP
◇ SW2 : SPACE
◇ SW3 : DOWN
◇ SW4 : ENTER

5

IC-socket



◇ IC1 : 14p

6

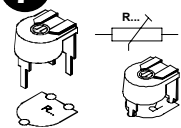
Capacitors



◇ C2 : 100nF (104)
◇ C3 : 100nF (104)
◇ C4 : 100nF (104)

7

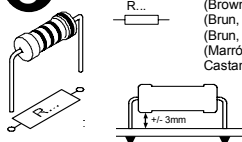
Trimmer



◇ RV1 : 1K

8

Resistor

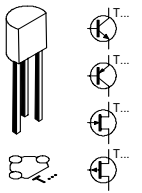


◇ R8 : 100E

(Brown, Black, Brown) -(Bruin, zwart, Brown) -(Brun, noir, Brun) -(Braun, Schwarz, Braun) -(Brun, Svart, Brun) -(Ruskea, Musta, Ruskea) -(Marrón, Negro, Marrón) -(Castanho, Preto, Castanho) -(Marrone, Nero, Marrone)

9

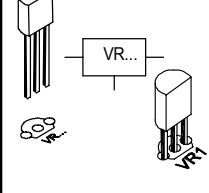
Transistor



◇ T1 : BC547C

10

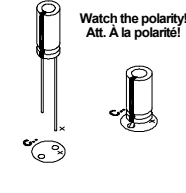
Voltage regulator



◇ VR1 : UA78L05

11

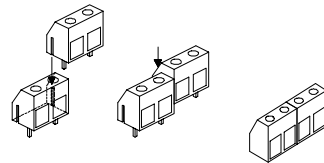
Electrolytic capacitor



◇ C1 : 100µF / 16V

12

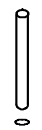
Screw connectors



◇ SK1 : 2p -/+
◇ SK2 : 2p GND/RX

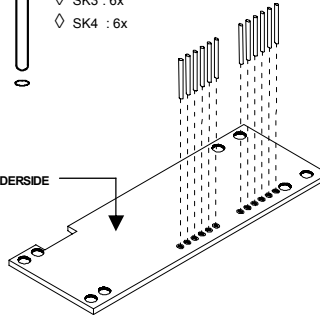
13

Jumpers



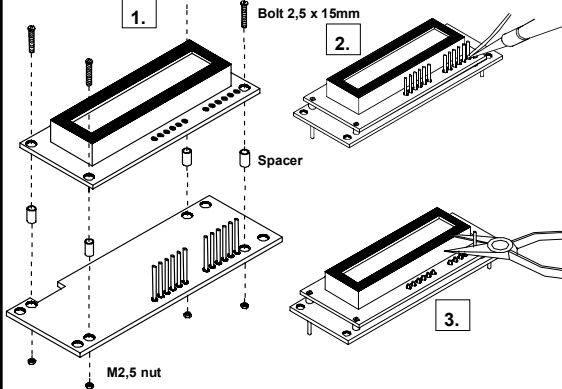
◇ SK3 : 6x
◇ SK4 : 6x

SOLDERSIDE



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PCB assembly



15

Final assembly

