



## velleman WSG159 Brain Game Kit Instruction Manual

[Home](#) » [Velleman](#) » velleman WSG159 Brain Game Kit Instruction Manual 



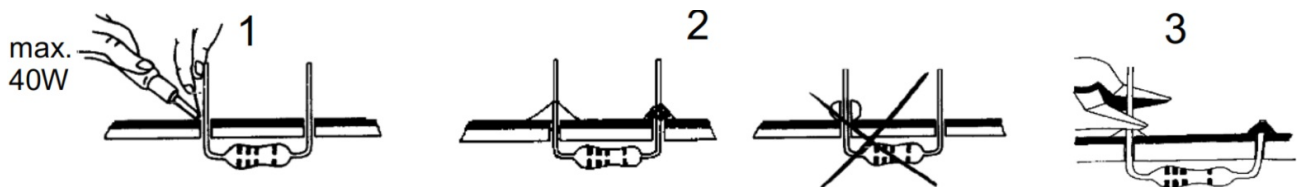
### WSG159 Brain Game Kit Instruction Manual

#### Contents

- [1 Brain Game Kit](#)
- [2 Documents / Resources](#)
- [3 Related Posts](#)

### Brain Game Kit

#### Soldering

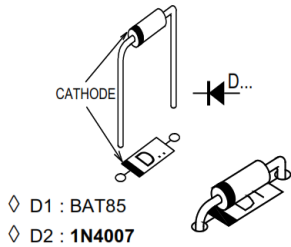


<div data-bbox="352 226 456 333"> <b>1</b> </div> <div data-bbox="491 259 651 304"> <b>Resistor</b> </div> <div data-bbox="539 365 782 405">       ◇R1... R4: 470     </div> <div data-bbox="129 416 496 719"> </div> <div data-bbox="539 636 751 676">       ◇R5, R6: 4K7     </div> <div data-bbox="183 801 424 875"> </div> <div data-bbox="539 835 663 875">       ◇R7: 47     </div>	(Yellow, Purple, Brown)
	(Yellow, Purple, Red)
	(Yellow, Purple, Black)

**2**

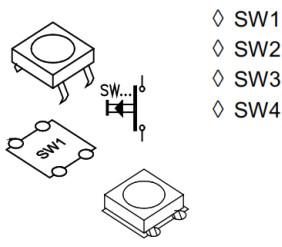
**Diode**

Watch the polarity !



**3**

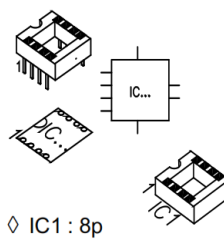
**Push buttons**



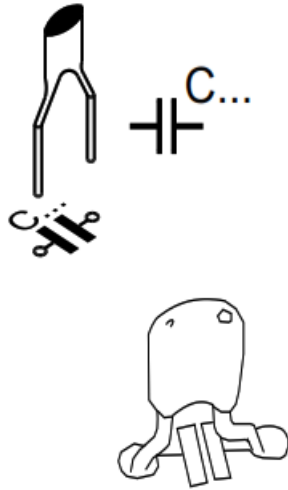
**4**

**IC socket**

WATCH THE POSITION OF THE NOTCH !

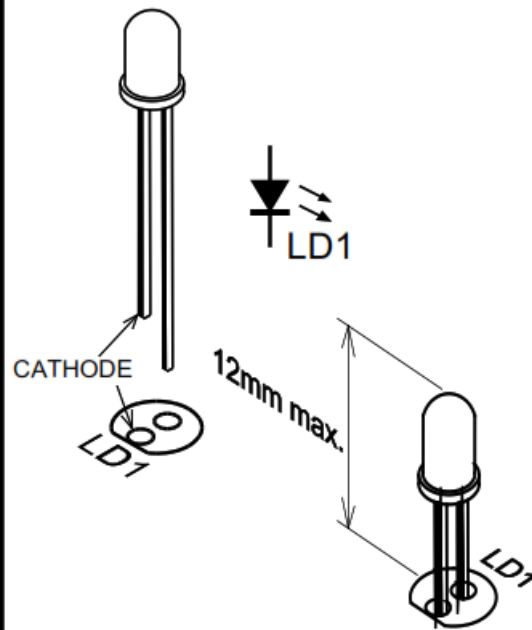


## 5 Capacitor



◇ C1:1 $\mu$ F (105)

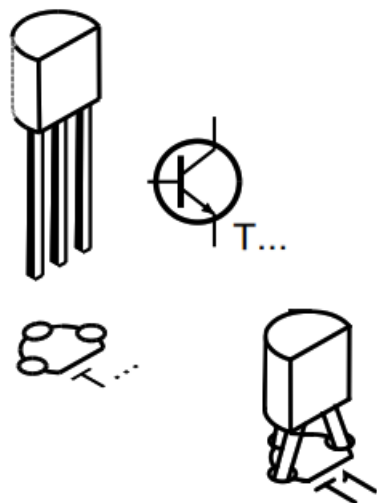
## 6 LED



**Watch the  
polarity !**

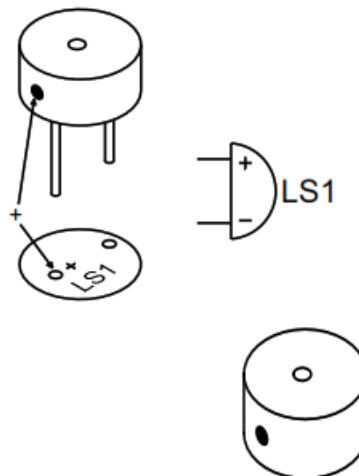
- LD1: Yellow
- LD2: Red
- LD3: Green
- LD4: Red

## 7 Transistor



◇ T1: BC547

## 8 Loudspeaker

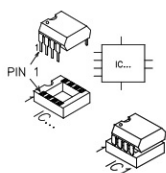


◇ LS1: TV3

**Watch the polarity !**

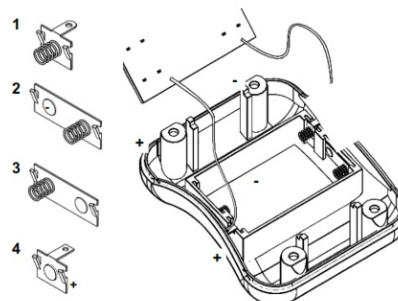
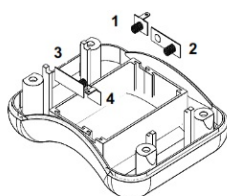
## 9 IC

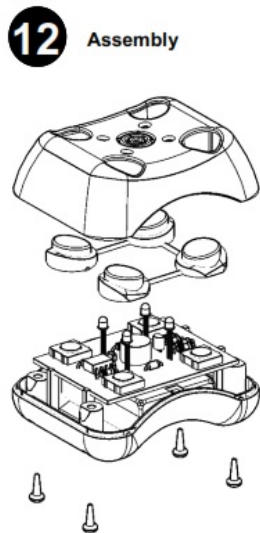
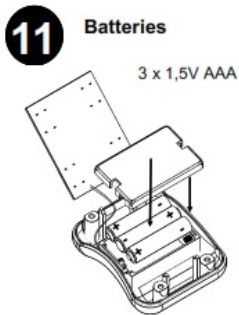
WATCH THE POSITION OF THE NOTCH !



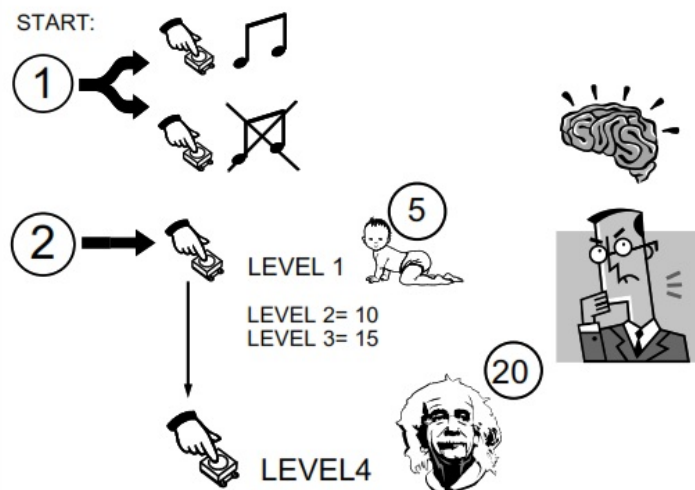
◇ IC1: PIC12C508A

## 10 Battery lips





**13** Diagram



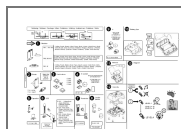
**TO ALL RESIDENTS OF THE EUROPEAN UNION**  
**Important environmental information about this product**



This symbol on this unit or the package indicates that disposal of this unit after its lifecycle could harm the environment. Do not dispose of the unit as unsorted municipal waste; it should be disposed of by a specialized company for recycling. This unit should be returned to your distributor or to a local recycling service. Respect the local environmental rules. **If any doubt contacts your local authorities about waste disposal rules.**



**Documents / Resources**



[velleman WSG159 Brain Game Kit](#) [pdf] Instruction Manual  
WSG159, Brain Game Kit, WSG159 Brain Game Kit