

Red numbers represent the order in which the components should be installed.

eWoggle Component Sorting sheet and installation order

Do not take this sheet, please leave it on the table

1,2,3 and 4

R1, R2,R3, and R4
Yellow-Purple-Brown-Gold



Use the lead bending tool to bend the leads to a distance of 10mm

5

R5 - Quantity -1

Brown-Black-Orange-Gold



6

IC Socket - Quantity 1



Note: the notch goes towards the top of the board.

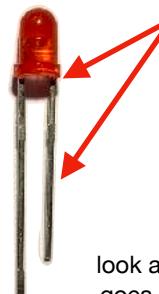


7-14

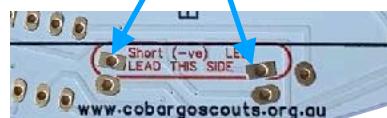
LEDS - 1 to 8

Note - The Flat side with the short lead is the “-“ lead and goes in the hole towards the middle of the board. They will not work if you put them in the wrong way round.

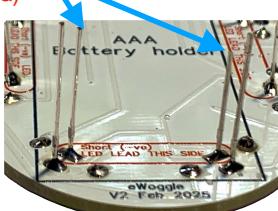
Get a leader to look at them before you solder them in.



look at the back of the board, the short lead goes in the holes towards the middle of the board (outlined in red)



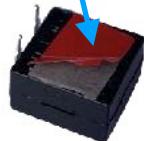
LEDs go in from the front of the board. The location of the different colours must match the photo.



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Switch

Remove the red top layer of the double sided tape.



Solder the switch onto the back of the board



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Board Test and Battery Socket

Ask your leader for the battery holder, batteries and IC. They will test your board 1st before you solder the battery holder in. Ensure you remove the top layer of the double sided tape, before soldering it in.



Solder the battery holder onto the back of the board



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Name and Group

Write your name and Scout Group on the Label on the side of the battery holder.



18

Velcro

Slide the Velcro between the battery holder and the board.

