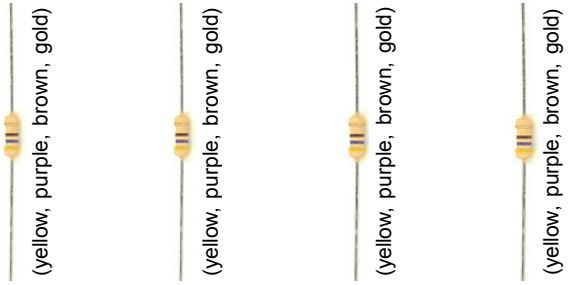
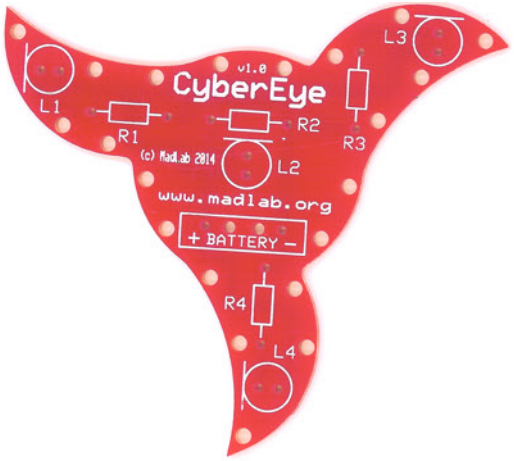
CyberEye



R1 (470R) R2 (470R) R3 (470R) R4 (470R)



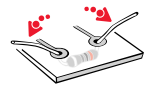
Circuit board

L1 (clear) L2 (diffused) L3 (clear) L4 (clear)

Battery snap

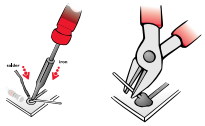
1. Identify the different components using the spotter chart.

2. Find the resistors (R1, R2, R3 and R4). They are all the same so the colours can be ignored. Bend the legs into a U-shape then fit them flat onto the picture side of the circuit board. Bend the legs outwards into a V-shape to hold them in place. They can be fitted either way around.



3. Fit the lights (L1, L2, L3 and L4 noting that L2 looks different to the other three) to the board putting the shorter leg into the hole with the line. The shorter leg also has a flattened edge on the rim. Bend the legs away from each other.

4. Solder the legs of all the components to the metal side of the board then clip the legs close to each solder joint.



5. Push the battery snap leads up through the larger holes in the board from the metal side of the board. Fit the metal tip of the red lead into the BATTERY + hole, and the metal tip of the black lead into the BATTERY – hole. Solder the metal tips to the tracks on the board then pull the wire loops back.

6. Connect a battery (9V PP3) to the battery snap. The lights should flash and change colour.

7. Make a holder for the battery from the two Velcro pieces. With needle and thread attach *Cyber Eye* to your Teddy Bear using the small holes around the edge. Finally sew the battery holder out of site at the back of your Teddy.