“Detect Me Not” Component sorting sheet and Installation order

Installation order is in Red

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

1 R1 - Quantity -1

1K Ohms

Brown-Black-Red-Gold



2 R2 - Quantity -1

For a Red LED
1K Ohms
Brown-Black-Red-Gold



Or

For a White LED
270 Ohms
Red-Purple-Brown-Gold



3 R3 - Quantity -1

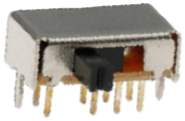
180 Ohms

Brown-Grey-Brown-Gold



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

4 Switch



The black lever must go to the right hand side of the board.

5 BC547 Transistor



The flat side with the writing on it, must face towards the bottom end of the board.

6 LED (Red or White)

Front View



Back View





Note -Looking at the front of the board, The long lead is the “+“ lead and goes in the hole towards the left side of

Long

Look at the back of the board the long lead is on the right hand side when looking at the back of the board

7 Buzzer



The long Pin with the + on it must go on the left hand side of the board

8 Passive Infrared Sensor



The Pin must go on the left hand side of the board

9 Ask a leader to check your soldering and test your board

10 Battery holder

(Remove the cover off the double sided tape before soldering it in)



Ask for the battery once your battery holder is soldered in.



11 Protective Tape



Get a piece of of protective tape put over the battery holder pins

12 Name and Group

Write your name and group on the back



Write your name and Scout Group on the Back when you have finished.