











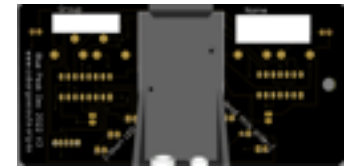


"Blue Peak" Component sorting sheet and Installation order

Installation order in Red

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

| | | | | |
|--|--|---|--|---|
| <p>1 and 2</p> <p>LDR Qty -2</p>  <p>This can go in either way</p> | <p>3 and 4</p> <p>R1 and R2 4.7K Ohms Yellow-Purple-Red-Gold</p>  | <p>5</p> <p>R3 - Quantity -1 5.6K Ohms Green-Blue-Red-Gold</p>  | <p>6</p> <p>R5 - Quantity -1 8.2K Ohms Grey-Red-Red-Gold</p>  | <p>7</p> <p>R4 - Quantity -1 1.8K Ohms Brown-Grey-Red-Gold</p>  |
| <p>Use the lead bending tool to bend the resistor leads to a distance of 10mm, (Resistors can go in either way)</p> | | | | |
| <p>8</p> <p>14 Pin IC socket Qty 1</p>  <p>Note: the notch goes to the left side of the board, There are 2 different size IC sockets 14 and 16 pin.</p> | <p>9 and 10</p> <p>16 Pin IC Socket Qty - 2</p>  | <p>11 and 12</p> <p>C1 and 2</p>  <p>Note: the "-" lead must go in the "-"ve" hole. (oval shaped one on the right), It must also be laid down on the board. The capacitor may be Black or blue in colour.</p> | <p>13</p> <p>Switch</p>  | <p>TURN OVER the Assembly instructions sheet for instructions on how to install the LEDS and Battery holder</p> |
| <p>11</p> <p>LEDs - Qty-10</p>  <p>Get a leader to check the LEDs before you solder them in</p> <p>Flat side and short lead goes to the left,</p> <p>Long lead goes to the right</p> | <p>12</p> <p>Check and test</p> <p>Get your soldering, component placement, and board tested by a leader before going on to the next step</p> <p>Your Leader will help you put in the 3 IC's, give you a battery holder and then test the board</p> | <p>13</p> <p>Battery holder (Remove the cover off the double sided tape before soldering it in)</p>  <p>Ask for the battery once your battery holder is soldered in.</p>  | <p>14</p> <p>Write your name and group name in the spaces provided on the back.</p>  | <p>15</p> <p>Protective Tape</p> <p>Ask a leader to put the protective tape on the front and back of your board.</p> |