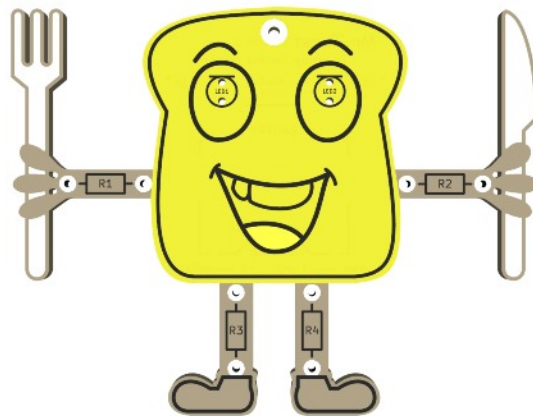
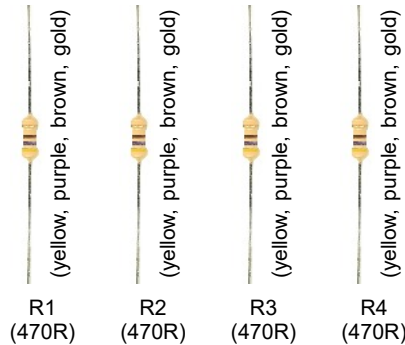


MR TOAST

is ready for his dinner



Circuit board



Coin cell retainer



Butterfly clip and pin

- 1 Identify the different components using the spotter chart.
- 2 Add a small blob of solder to the middle of the large metal square on the back side of the board to help make a better connection with the coin cell. Spread the solder around a little with the soldering iron so it is not too high then fit the coin cell retainer to this side of the board within the marked outline. Solder the two tabs to the board using plenty of solder to make the joints physically strong. See picture overleaf.
- 3 Bend the leads of the resistors into a U-shape then fit them flat on the front side of the circuit board. Bend the leads outwards into a V-shape to hold them in place. They can be fitted either way around and are all the same. Solder the leads to the **top** side of the board then clip the leads short on the **bottom** side of the board.
- 4 Fit the LEDs to the front side of the board over the eyes putting the shorter lead into the hole with the line. The shorter lead also has a flattened edge on the rim. Bend the leads away from each other then solder the leads to the back side of the board and clip them.
- 5 Insert a **CR2032** coin cell into the retainer with the positive (+) side uppermost. The LEDs should start flashing.
- 6 Fit the pin through the hole at the top of the board and then through your clothing. Use the butterfly clip to hold *Mr Toast* securely in place. The pin can be soldered in place if you wish.

