**PRINTED CIRCUIT BOARD DESIGN ASSIGNMENT REPORT**

CIRCUIT BOARD DESIGN PROCESS

Circuit board design process is the process of designing the layout of a circuit board by determining where and how various components of the circuit (such as resistors, capacitors, and integrated circuits) will be placed on the board and how they will be interconnected. It is a critical step in the development of any electronic device. The goal is to design a circuit board that is functional, reliable, and easy to manufacture.

**Show as pictures: a) The schematic you designed b) The layout you designed c) Work files produced (copper plane, edge cuts)**

1. **A diagram of a circuit

   Description automatically generated**

 Online link to the kicad software to view the schematic.

1. A computer screen shot of a circuit board

   Description automatically generated

 Online link to the kicad software to view the completed layout.

1. A white rectangular object with black border

   Description automatically generated A black and white circuit board

   Description automatically generated

Edge cuts Copper plane

