

Short questions

1. What are advantages of PCB over conventional circuits? Discuss in detail.
2. Discuss the differences between microprocessor and microcontroller.
3. What do you mean by the term mechanical considerations in PCB layout and designing?
4. Discuss how problems of PCB layout are solved by using CAD.
5. Differentiate between schematic and layout design of PCB.
6. What are different types of laminates in PCB? Discuss any two.
7. Discuss the properties of electrical and mechanical laminates.
8. Discuss the thermal design rules of PCB.
9. What are different types of etching process are involved in PCB designing technology.

Long Questions

1. What do you mean by PCB what are different compositions are introduced during designing a PCB.
2. Discuss the Environmental concerns in PCB technology.
3. What different steps are involved in designing and developing PCB discuss in detail.
4. Discuss the term electrical considerations in PCB layout.
5. What do you mean by the term soldering techniques? Discuss each types of soldering techniques of PCB.
6. Write short notes on any two
 - a. Photo Printing in PCB
 - b. Screen printing in PCB.
 - c. NET listing