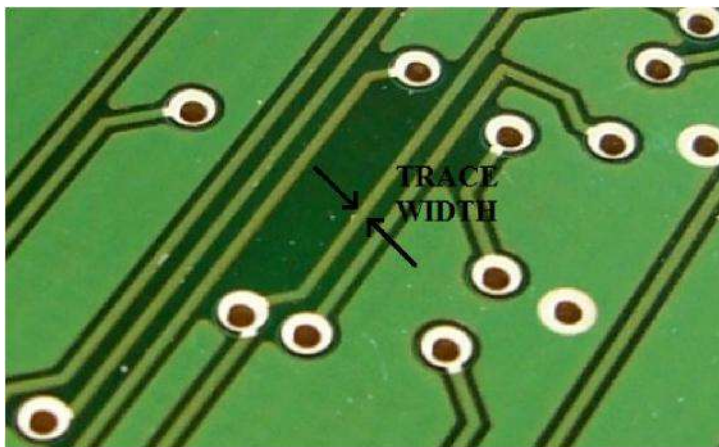


PCB Fabrication Request Specification and Limitation

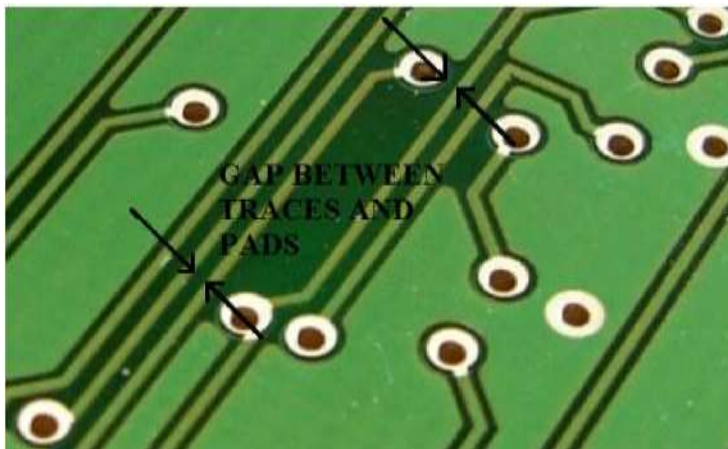
Below are the specification and limitation for student reference when designing PCB for fabrication in E&E department. This specification and limitations was made by considering equipment and method used for fabrication.

1. Trace Width



Trace width must not be lower than 0.3mm.

2. Gap between traces and pads



Gap between traces and pads must exceeds be 0.3mm except the default footprint of the component e.g. SMD type component package.

3. Hole Drilling

Drilling size are limited to:

0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 2.0, 3.0 (mm)

4. Size

PCB design must not exceed these 2 size:

- A4 (220x160mm)
- A5 (120x110mm)

5. Layer

Layer is limited to 2 layers only. (No Through Hole Connection available)

6. Material

Standard FR4 are used for fabrication. Please state in the Request Form if you need to use your own board.

7. Fabrication Time

Standard fabrication time is in between 1 week and it will based on first come first serve basis. If there is any fabrication for module and scheduled maintenance, the fabrication time will be extended.

8. File Type

File submitted for fabrication must be in Gerber or RS274-X format for design and Excellon file for drilling. The extension for this file type is varies between PCB CAD software.

Submit your PCB Request Form together with your PCB file design to Mr. Saiful
(MD.Saiful@nottingham.edu.my)