



A. APPLICANT INFORMATION

1. Name:	2. Student's Matric No.: (For UM only)
3. Category*: UM UG Student / UM PG Student / UM Staff / UM RA / Non-UM Student / Non-UM Staff / Non-UM RA / Others	4. E-mail Address:
5. Complete Institution Address:	
6. Telephone No.: (Office):	(Mobile):

B. SERVICE INFORMATION

Please tick (√) the appropriate box. You can choose more than one service.

Circuit Artwork Printing on *(Photoresist / Accublack Film) using *(Altium Protel / Eagle) – **COMPULSORY**

- | | |
|---|---|
| <input type="checkbox"/> *(Single-Sided / Double-Sided) PCB Fabrication | <input type="checkbox"/> Chemical Etching |
| <input type="checkbox"/> PCB Drilling, Drying and Brushing | <input type="checkbox"/> Dry Etching |
| <input type="checkbox"/> Through Hole Copper Plating (THCP) | |

I will make the full payment through *(Bank Transfer / Cheque / Local Order) within **five (5) days** after the services above have been completed. The payment shall be made to:

Account Name: Bendahari Universiti Malaya Bank: CIMB Account number: 80-0127999-8 Swift code: CIBBMYKL Details: PCB fab JKE UM
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Applicant:

Student's Supervisor:

(Signature)

(Signature and official stamp)

Date: _____

Date: _____

Please submit the completed (scanned) form to:

Mr. Zulkarnain @ Khayree F. Ishak (khayree_faisal@um.edu.my) (Tel: 6037967 2719 / 2727) AND Associate Professor Ir. Dr. Hazlee Azil Illias (h.illias@um.edu.my) (Tel: 6037967 4483)

* Strike out whichever is not applicable

FOR OFFICE USE ONLY:

Received by: _____ Name: Date:	Expected completion date: _____ Cost (RM): _____ Cheque/LO No.: _____ Invoice No.: _____
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**PCB LABORATORY
DEPARTMENT OF ELECTRICAL ENGINEERING
FACULTY OF ENGINEERING**

Service fees for request of one A4 size board (Effective from 1st May 2017)

Applicant category Service	UM UG Student	UM PG Student	UM Staff / UM RA	Non-UM Student / Non-UM Staff / Non-UM RA / Others	
Circuit Artwork Printing on Photoresist / Accublack Film (COMPULSORY) (Min one A4 Size)	RM 50	RM 80	RM 80	RM 120	
PCB FABRICATION INCLUDING DRILLING, DRYING & BRUSHING** (Min one A4 Size)	Single-Sided	RM 70	RM 100	RM 100	RM 160
	Double-Sided without THCP	RM 150	RM 180	RM 180	RM 240
	Double-Sided With THCP	RM 220	RM 250	RM 250	RM 300

**Service fees for request of more than one A4 size board with the same circuit
design on each board** (Effective from 1st May 2017)

Applicant category Service	UM UG Student	UM PG Student	UM Staff / UM RA	Non-UM Student / Non-UM Staff / Non-UM RA / Others	
Circuit Artwork Printing on Photoresist / Accublack Film (COMPULSORY) (Min one A4 Size)	RM 45	RM 75	RM 75	RM 115	
PCB FABRICATION INCLUDING DRILLING, DRYING & BRUSHING** (Min one A4 Size)	Single-Sided	RM 65	RM 95	RM 95	RM 155
	Double-Sided without THCP	RM 145	RM 175	RM 175	RM 235
	Double-Sided With THCP	RM 215	RM 245	RM 245	RM 295

**Only on FR4, Duroid and Chem Board
THCP = Through Hole Copper Plating
All fees are inclusive of 6% GST

Example of the total fees for a UM UG student:

Circuit Artwork Printing on Photoresist / Accublack film (Compulsory) = RM 50

PCB Fabrication: Single-Sided (Min A4 Size) = RM 70

Total amount = RM 50 + RM 70 = RM 120