# TATA-340-PP40 MCU ORDERING STEPS AND FILES

Note: This document contains MCU ordering procedure with PCB POWER

## **AARTECH SOLONICS LIMITED**



**Document V.0.1** 

**DATE: 15-07-2024** 

DOCUMENT BY BHAVAY SEN ASL-240 Step 1: Open PCB POWER & login with credentials

Link: www.pcbpower.com

Step 2: Go to Get Quote

Link: https://www.pcbpower.com/page/pcb-fabrication

Step 3: Fill the details

PCB Name: TATA-MCU-V.0.3-PROD

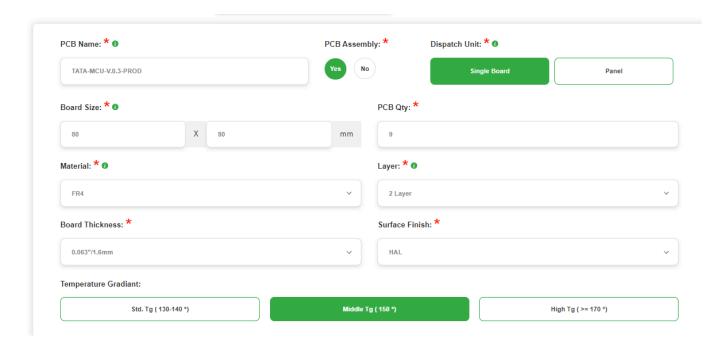
PCB Assembly: Yes

**Dispatch Unit**: Single Board **Board Size**: 80 x 80 mm

PCB Qty: 9 Material: FR4 Layer: 2 Layer

**Board Thickness**: 1.6mm **Surface Finish**: HAL (Sn-Pb)

**Temperature Gradient : Middle Tg ( 150 C)** 



Technology:

Finish Cu Thickness: 90.00(u)/3oz

## Leave other unchanged

**Solder Mask Top**: Green **Solder Mask Bottom**: Green

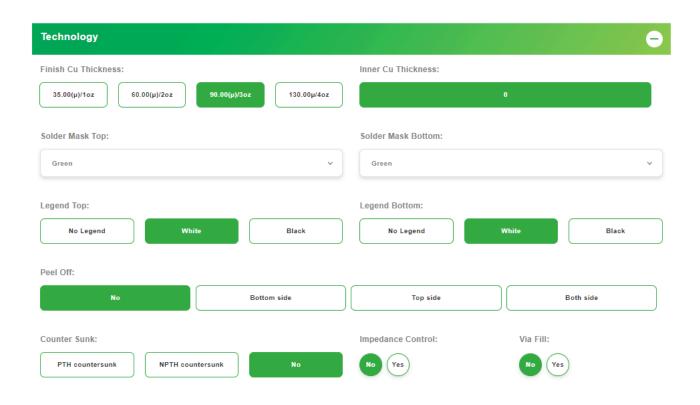
**Legend Top**: White **Legend Bottom**: White

Peel Off: No

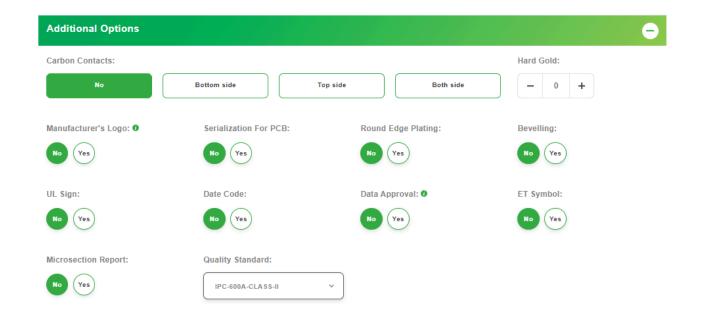
Countersunk: No

Impedance Control: No

Via Fill: No



## Additional Options : Leave this section unchanged



### **Assembly Options:**

**Component Sourcing :** Consigned (You supply parts)

Assembly Qty (PCB): 9

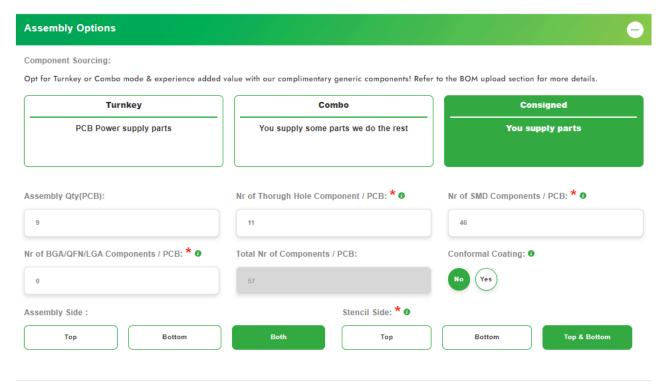
Nr of Through Hole Component / PCB: 11

Nr of SMD Components / PCB: 46

Conformal Coating: No

Nr of BGA/QFN/LGA Components / PCB: 0

Assembly Side : Both Stencil Side : Both



PCB Production Lead Time: 3-Working Days
PCB Assembly Lead Time: 3-Working Days

Add files from Fabrication folder

#### File Link:

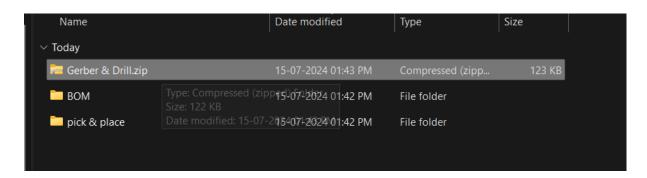
https://trello.com/c/1pVZgULd/109-mcu-card#comment-6694d4ca4ae714e68615804

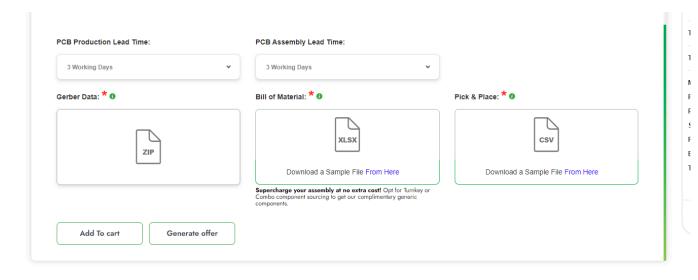
<u>d</u>

Gerber Data: Add zip file from the folder consist of Gerber and Drill data

BOM: Add BOM file shared in xls or csv format

Pick & Place : Add in csv format





#### Note:

- 1. In case of any doubt please contact your RH.
- 2. This document is prepared on 15-07-2024, if pcb power updates the website please discuss with the designer for order placement.
- 3. Please re-check every information/detail filled in the above document, They may be different in your case.
- 4. In case of any exception, Please contact the designer or handle them after discussing with PCB power.
- 5. Exception Examples:
  - a. Via on pads, There are some vias placed in pads. In case of this exception confirm PCB power to go with the fabrication.