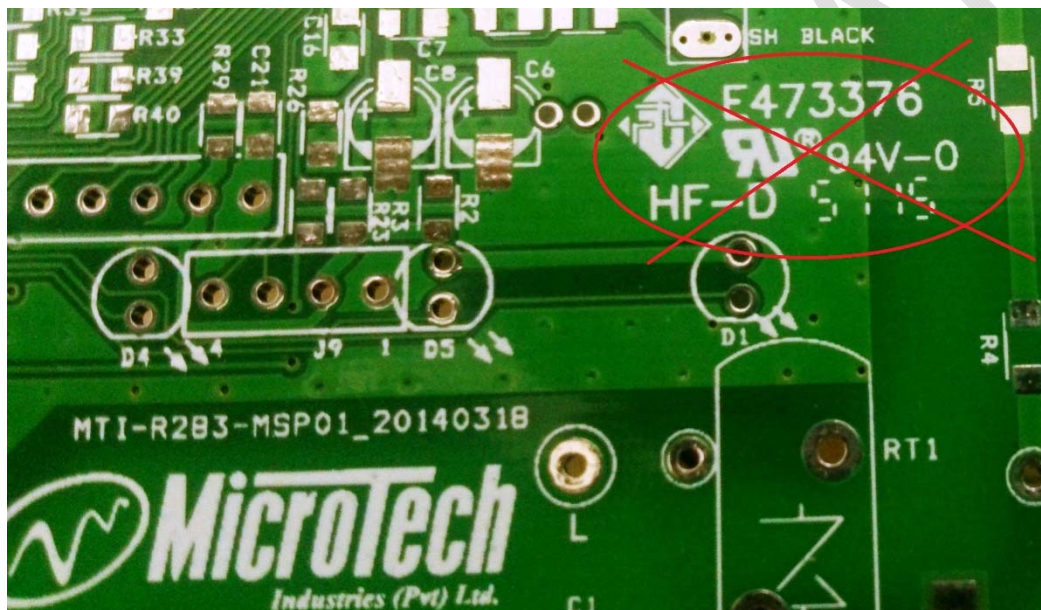


Introduction

This document serves as a basic mean for conveying the requirements that are required for PCB manufacturing. The object of the document is to convey the technical requirements to the manufacturer along with other requirements. The detail of these requirements is given below.

Manufacturer and Certifications LOGO

Do not print the LOGOs for manufacturer or any other certification markings i.e. UL rating RU specifications or any other number etc. on PCB.

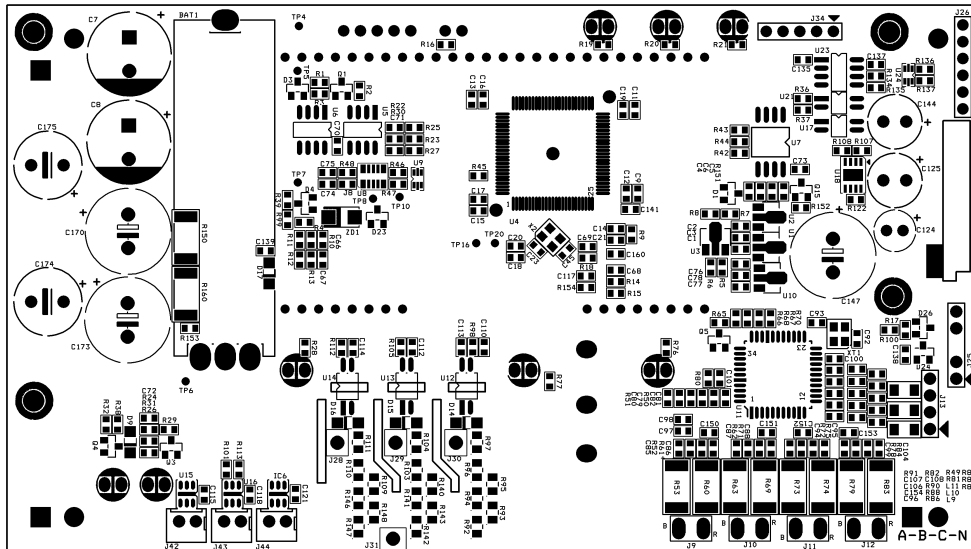


PCB Design Information

The design information regarding PCB material, dimensions, number of layer , color of solder mask, thickness of FR4 material etc. are given in the table below:

PCB design information	
PCB name	MTI-3PFF-47X-5-20231226
PCB size (single module)	5.8x3.25inch
PCB panel size with extended PCB	NIL
Layers	2
Number of PCBs in ONE panel	3
Required PCB quantity	
Board Thickness	1.6mmGreen
Copper Foil Thickness	35um
Material	FR-4 KB6160, 1oz, Cu, (Finish)
Finishing	Lead free HASL
Solder mask	Green
Solder Mask Type	KGS-6188G
V-CUT	Yes
V-CUT Thickness	
Electrical Test / E. test	Yes/Mark at board edge
BOW and Twist	≤0.75%
Thermal Stress Test	288°C/10 Sec
Via hole	
P.T.H. Thickness	20um
Silk Screen Layer	White
Date code week/year Print on silk screen layer	
Component Marking Type	M-211(W)
Tin/Lead Thickness	≥1um
Top and Bottom Registration	+/- 3Mills
Solder test	≥95% with plum tin plating
Hardness test	6 H

Screen Shot of the PCB



Cutting slot information

12 Cutting slots

