|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **General info document for PCB manufacturing** | | | | | | | | |
|  | | | | | | | | |
| **No.** | **Item Name** | **File Name** | | | | | | **Info / Remarks / Notes** |
|  | **BOARD** |  | | | | | |  |
| **1** | Board Name / Number | Oprea\_Cosmin\_431E\_P1 | | | | | | - |
| **2** | Revision Date | 15 December 2024 | | | | | | - |
| **3** | Board Size | 40 x 40 mm2 | | | | | | - |
| **4** | Board Quantity | 1 | | | | | | - |
| **5** | Material / Dielectric Type | FR4 | | | | | | - |
| **6** | Board Thickness | 1.6 mm | | | | | | - |
| **7** | Copper Thickness | 18 μm | | | | | | - |
|  | **LAYERS** |  | | | | | |  |
| **8** | Number of Electrical Layers | 2 | | | | | | - |
| **9** | Copper Layer TOP | TOP.art | | | | | | - |
| **10** | Copper Layer BOTTOM | BOTTOM.art | | | | | | - |
| **11** | Copper GND Plane | - | | | | | | - |
| **12** | Copper PWR Plane | - | | | | | | - |
| **13** | Copper INNER 1 | - | | | | | | - |
| **14** | Copper INNER 2 | - | | | | | | - |
| **15** | Solder Mask TOP | SMTOP.art | | | | | | - |
| **16** | Solder Mask BOTTOM | SMBOT.art | | | | | | - |
| **17** | Solder Paste TOP | SPTOP.art | | | | | | - |
| **18** | Solder Paste BOTTOM | - | | | | | | - |
| **19** | Peelable Mask TOP | - | | | | | | - |
| **20** | Peelable Mask BOTTOM | - | | | | | | - |
| **21** | Silk Screen TOP | SSTOP.art | | | | | | - |
| **22** | Silk Screen BOTTOM | - | | | | | | - |
| **23** | Board Outline | BO.art | | | | | | - |
| **24** | Fabrication Drawing | FAB.art | | | | | | - |
|  | **MILLING & DRILLING** |  | | | | | |  |
| **25** | Mill Drawing | - | | | | | | - |
| **26** | Drill Drawing | DRILL.drl | | | | | | - |
| **27** | N.C. Drill (for both PH & NPH) | - | | | | | | - |
| **28** | N.C. Drill / Plated Holes (PH) | - | | | | | | - |
| **29** | N.C. Drill / Non-Plated Holes (PH) | - | | | | | | - |
|  | **FINISHING** |  | | | | | |  |
| **30** | Panelisation | - | | | | | | - |
| **31** | Electrical Test | - | | | | | | - |
| **32** | Copper Finishing | **x** | HASL |  | OSP | |  | ENIG | |
| **33** | Board Outline Machining |  | Routing |  | Milling | | **x** | V-Cutting | |
| **34** | Final remarks | - | | | | - | | |