快捷要求顾客填写制板说明格式

**制板说明：(2018-04-27)**

**顾客名称：中科大快电子学实验室**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **技术联系人：** | 王宇 | | **电话:** | **0551-63600408**  **15209887343** | **传真** |  | |
| **邮件地址：** | [**wyu0725@mail.ustc.edu.cn**](mailto:wyu0725@mail.ustc.edu.cn) | | | | **交货期** |  | |
| **板名：** | | **SDHCALDIF1V0\_WangYu** | | | TOP | BOT | **Color** |
| **生产数量** | | **4** | | |  |  |  |
| **层数** | | **10** | | |  |  |  |
| **板材类型** | | **FR4** | | |  |  |  |
| **完成板厚及公差（mm）** | | **2.0±0.1** | | |  |  |  |
| **铜箔要求（基铜）** | |  | | |  |  |  |
| **单元尺寸（mm）** | | **151.27\*220.39** | | |  |  |  |
| **拼板尺寸（mm）** | | **-** | | |  |  |  |
| **每个拼板的单元数量** | | **-** | | |  |  |  |
| **阻焊** | | **YES** | | | **√** | **√** | 蓝 |
| **可剥离阻焊** | |  | | |  |  |  |
| **碳油** | |  | | |  |  |  |
| **字符** | | **YES** | | |  |  | 白 |
| **表面处理** | | **无铅锡** | | |  |  |  |
| **过孔要求** | | **直径24 mil及以下过孔树脂塞孔，焊盘上过孔需电镀填平** | | |  |  |  |
| **文件格式及版本** | | **Gerber RS274X** | | |  |  |  |
| **外形** | | **见光绘** | | |  |  |  |
| **快捷标记**  **（Fp+UL+Date）** | | **加Fp+UL+Date** | | |  |  |  |
| **叠层顺序** | | **按artwork文件(或者见附录)** | | |  |  |  |
| **其他** | | 1. **差分线**：   阻抗控制在100欧姆左右，差分线宽4mil，于drill.art中标注   1. **单端线:**   阻抗控制在50欧姆左右，单端线宽6mil   1. **过孔：**   直径24mil及24mil以下过孔塞孔，焊盘上过孔电镀填平   1. **板子表面阻焊蓝色** 2. **层叠结构见附录** 3. **是否有更新的制板说明，若有请发一份。** | | |  |  |  |

**附：叠层顺序**

**直观地用表格描述如下：**

|  |  |  |  |
| --- | --- | --- | --- |
| **layer name** | **PCB layer** | **material** | **thickness** |
| **Art01** | **Top** | **Copper** | **H ounce** |
| **dielectric** |  | **FR-4** |  |
| **Plane02** | **GND1** | **Copper** | **1 ounce** |
| **dielectric** |  | **FR-4** |  |
| **Plane03** | **Power1** | **copper** | **1 ounce** |
| **dielectric** |  | **FR-4** |  |
| **Art04** | **Signal1** | **Copper** | **1 ounce** |
| **dielectric** |  | **FR-4** |  |
| **Plane05** | **GND2** | **Copper** | **1 ounce** |
| **dielectric** |  | **FR-4** |  |
| **Plane06** | **Power2** | **Copper** | **1 ounce** |
| **dielectric** |  | **FR-4** |  |
| **Art07** | **Signal2** | **Copper** | **1 ounce** |
| **dielectric** |  | **FR-4** |  |
| **Plane08** | **Power2** | **Copper** | **1 ounce** |
| **dielectric** |  | **FR-4** |  |
| **Plane09** | **Gnd3** | **Copper** | **1 ounce** |
| **dielectric** |  | **FR-4** |  |
| **Art10** | **Bottom** | **Copper** | **H ounce** |

**说明：**

**1)希望在 PCB加工前得到板厚、走线阻抗等参数的反馈信息。**

**2)请勿自行改动线宽、线间距等参数。**