

**Product Description:**  
**Quick Details**

|                   |                                                    |                   |                               |
|-------------------|----------------------------------------------------|-------------------|-------------------------------|
| Place of Origin   | Guang dong, China (Mainland)                       | Brand Name        | O-Leading                     |
| Base Material     | FR-4,,Aluminum                                     | Copper Thickness  | 0.5oz-5oz                     |
| Min. Hole Size    | 0.2mm                                              | Board Thickness   | 0.1-5mm                       |
| Surface Finishing | immersion gold ,OSP,lead free HASL                 | color             | blue ,red ,green,black,yellow |
| applicable to     | led,mobile phone,air conditioners,washing machines | character         | Industrial Control pcb        |
| certificates      | ISO9001,UL,RoHS,SGS                                | Q/CTN             | 10PCS-100PCS                  |
| weight            | 0.01kg -5kg                                        | MOQ               | 10pcs                         |
| Model Number      | power bank pcb assembly pcba manufacturer          | Min. Line Spacing | 0.2mm                         |
| color             | blue ,red ,green,black,yellow                      | price             | \$0.1-\$10                    |
| design type       | client requirement                                 | size              | 0.01m3-10m3                   |

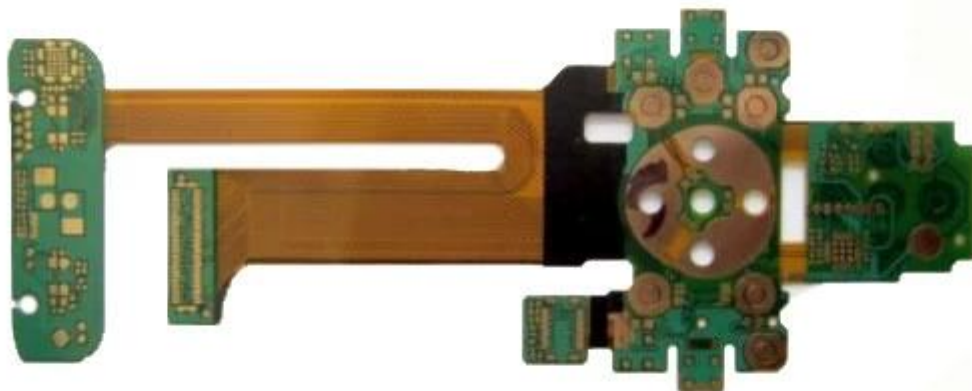
**Packaging & Delivery**

|                   |                                                  |
|-------------------|--------------------------------------------------|
| Packaging Details | 16 years professional OEM pcb board manufacturer |
| Delivery Detail   | 7-12days                                         |

**Product Description**

**16 years professional OEM pcb board manufacture**

| item                                      | 2014                                                                                                                                                       |        | 2015~2016 |        | 2017~2018 |        |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------|--------|-----------|--------|
|                                           | Volume                                                                                                                                                     | Sample | Volume    | Sample | Volume    | Sample |
| Layer count                               | 32                                                                                                                                                         | 42     | 38        | 44     | 42        | 48     |
| Min Line/space (μm)                       | 50/50                                                                                                                                                      | 40/45  | 40/45     | 40/40  | 35/40     | 35/35  |
| Min drill hole diameter (mm)              | 0.15                                                                                                                                                       | 0.10   | 0.15      | 0.10   | 0.15      | 0.10   |
| Aspect ratio of PTH                       | 14:1                                                                                                                                                       | 16:1   | 16:1      | 18:1   | 18:1      | 20:1   |
| N+C+N                                     | 4+C+4                                                                                                                                                      | 5+C+5  | 5+C+5     | 6+C+6  | 5+C+5     | 6+C+6  |
| Any layer interconnection                 | 5+2+5                                                                                                                                                      | 6+2+6  | 5+2+5     | 6+2+6  | 5+2+5     | 6+2+6  |
| Plate filling via                         | YES                                                                                                                                                        | --     | YES       | --     | YES       | --     |
| Min. core thickness (exclude copper) (μm) | 50                                                                                                                                                         | 40     | 40        | 30     | 40        | 30     |
| Min. Laser Drill diameter (μm)            | 75                                                                                                                                                         | 65     | 65        | 50     | 50        | 40     |
| Via on buried hole/stacked via            | YES                                                                                                                                                        | --     | YES       | --     | YES       | --     |
| Material                                  | FR4, Megtron, Nelco, Rogers, Heavy Copper, etc.                                                                                                            |        |           |        |           |        |
| Embedded capacitor PCB                    | YES                                                                                                                                                        | --     | YES       | --     | YES       | --     |
| Surface Process                           | Lead-free HASL, ENIG, OSP, Immersion silver, Immersion tin, Flash gold, Gold finger plating, Selective hard gold plating, Peelable solder mask, Carbon ink |        |           |        |           |        |



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