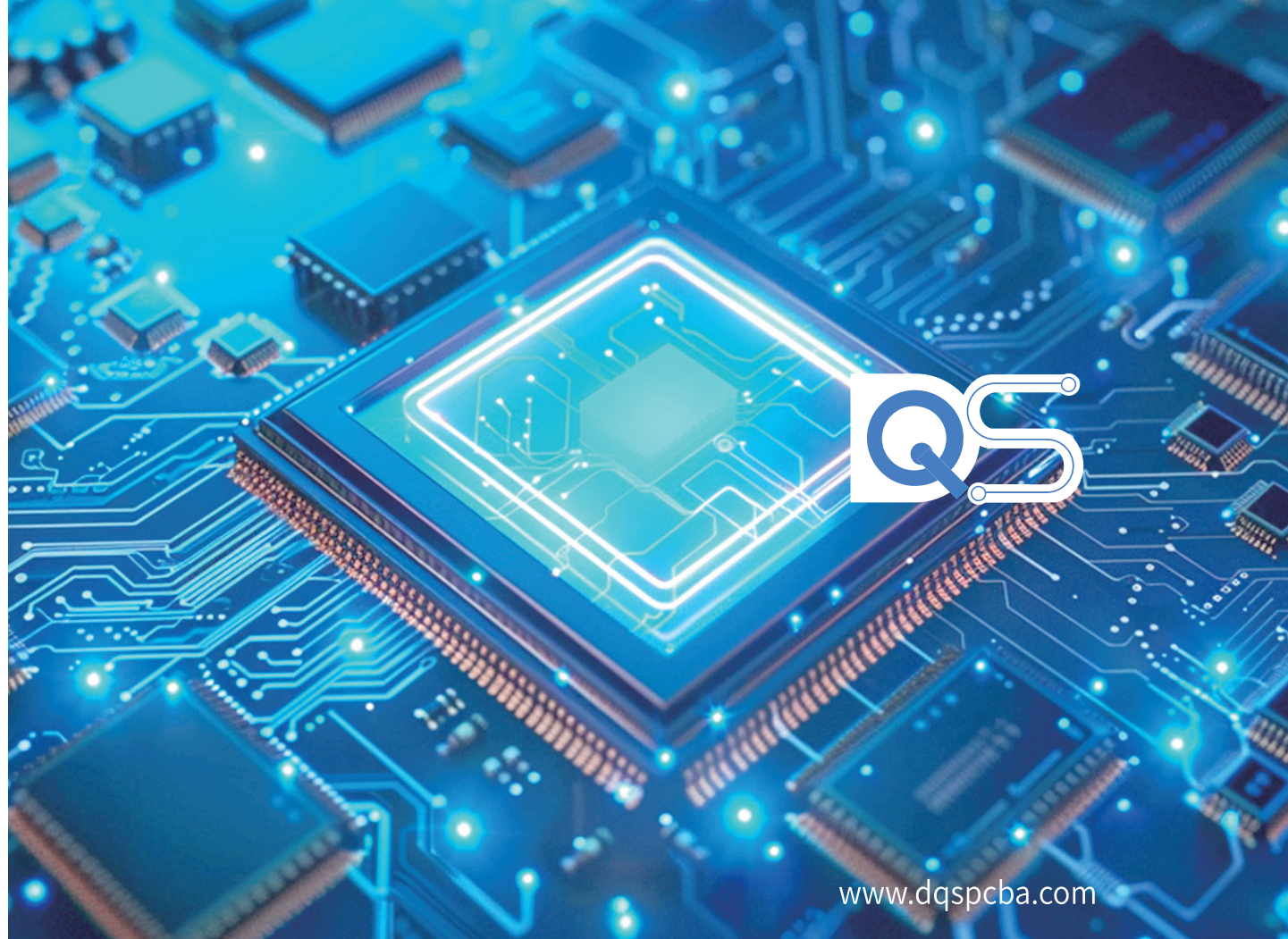


## COMPONENTS SOURCING

Powerful Channel Resources, Ensure All Of Components Are 100% Original & New.



### 200+ Component Suppliers



[www.dqspcba.com](http://www.dqspcba.com)



DQS Electronic Group

Tel : +86 755-28502131

Email : [sales@dqspcba.com](mailto:sales@dqspcba.com)

Web : [www.dqspcba.com](http://www.dqspcba.com)

Address: Yasen Industrial Park, Baolong Street,  
Longgang District, Shenzhen, China



## DQS ELECTRONIC GROUP

One-stop service,  
from design to production.

PCB  
Fabrication

PCB  
Assembly

Components  
Sourcing

Electrical  
Test



12000m<sup>2</sup> SMT Factory  
200000 SQM/month  
800+ Staffs

## COMPANY PROFILE

DQS Electronic Group is based in Shenzhen and specializes in PCB layout, PCB fabrication, electronic components sourcing, SMT, PCB assembly, and testing.

We are a one-stop EMS (Electronics Manufacturing Services) provider, committed to delivering both rapid prototyping and high-volume production to customers worldwide.

We are certified to ISO 9001, ISO 14001, ISO 13485, IATF 16949, CE and UL standards — ensuring high quality and compliance across industries.

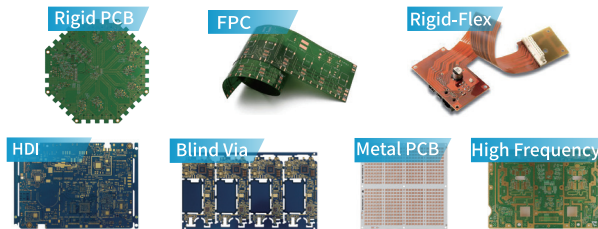


## PCB LAYOUT AND FABRICATION

### PCB Layout

Max. Signal Processing Rate: 10Gbps (differential signal)  
Max. Number of Layers: 64 layers  
Min. BGA Footprint: 0.4mm  
Min. Trace Width/Spacing: 2/2 mil

### PCB Fabrication



| Item                    | Manufacturing Capability                                                                             |
|-------------------------|------------------------------------------------------------------------------------------------------|
| Layer                   | 1-108 layer                                                                                          |
| Materials               | FR4, High Tg, High Frequency, High Speed, Halo-gen-free, Rogers, Metal Core, Ceramic, Rig-flex, etc. |
| HDI                     | 1+n+1, 1+1+n+1+1, 2+n+2, 3+n+3, any layer                                                            |
| Copper Thickness        | 0.5 - 15 OZ                                                                                          |
| Board Thickness         | 0.2 - 10mm                                                                                           |
| Min.Track Width         | 2 - 3mil                                                                                             |
| Min.Trace Space         | 2 - 3mil                                                                                             |
| Min. PTH/NPTH Hole      | 0.1mm/0.075mm                                                                                        |
| Drilling Bit Size(CNC)  | 0.15 - 6.5mm                                                                                         |
| Bow and Twist           | 0.5% - 0.75%                                                                                         |
| The Hole Tolerance      | ±0.05mm                                                                                              |
| Hole Position Tolerance | ±0.05mm                                                                                              |
| Aspect Ratio            | 17 : 1                                                                                               |
| Max. Panel Dimension    | 646*1200mm                                                                                           |
| Solder Mask             | Green, Blue, Red, Black, White, Yellow, etc.                                                         |
| Impedance Control       | ±5%                                                                                                  |
| Surface Finishing       | HASL(Lead Free), Gold Finger, Immersion Gold, OSP, Immersion Silver, etc.                            |
| Special Requirement     | Buried&Blind Holes, Counter Sink, Counter Bore etc.                                                  |

## PCB ASSEMBLY

### SMT

- 13 Fully Automated High-Speed SMT Lines
- FPC / Double Side Assembled Available
- 5 Million Points/day
- Smallest Package : 01005
- Min Pin Space : 0.3mm
- Min Ball Space : 0.3mm
- Automatic Conformal Coating



### DIP

- 4 Dedicated DIP Assembly Lines
- 25+ Skilled DIP Assembly Engineers
- 500,000 Insertion Points/day
- 200,000 Soldering Points/day



### PCBA Test

- Yamaha AOI Inspection
- 3D SCIENSCOPE X-Ray Test
- ICT Inspection
- FCT Test
- POT Aging Test
- 100% Electrical Test

