

PCB Power

Empower your electronics



Quality | Service | Reliability

pcbpower.com

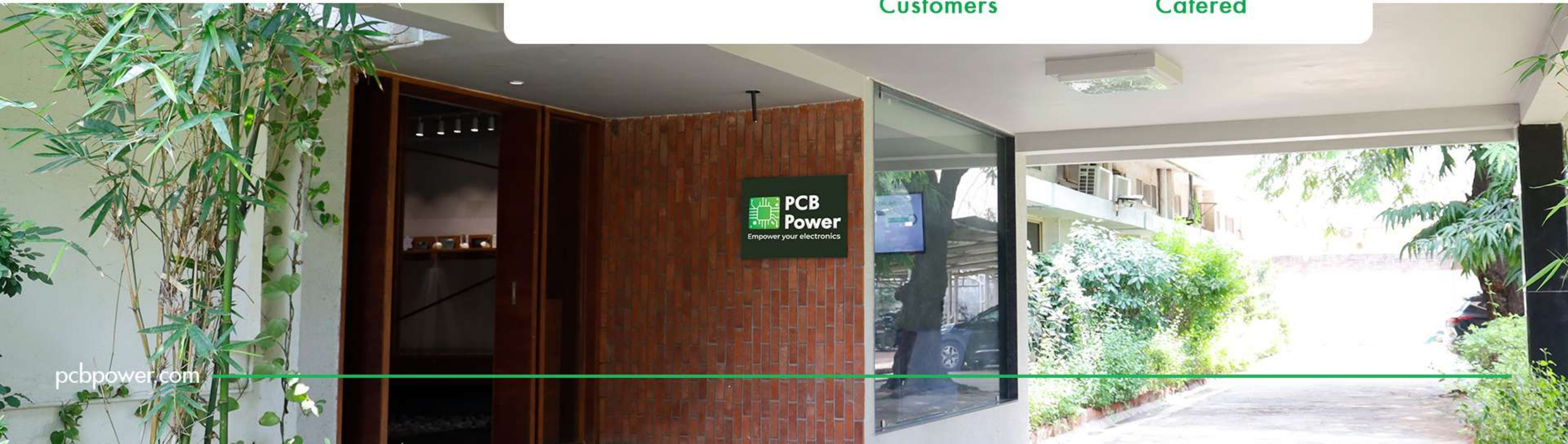
25
YEARS OF
EXCELLENCE

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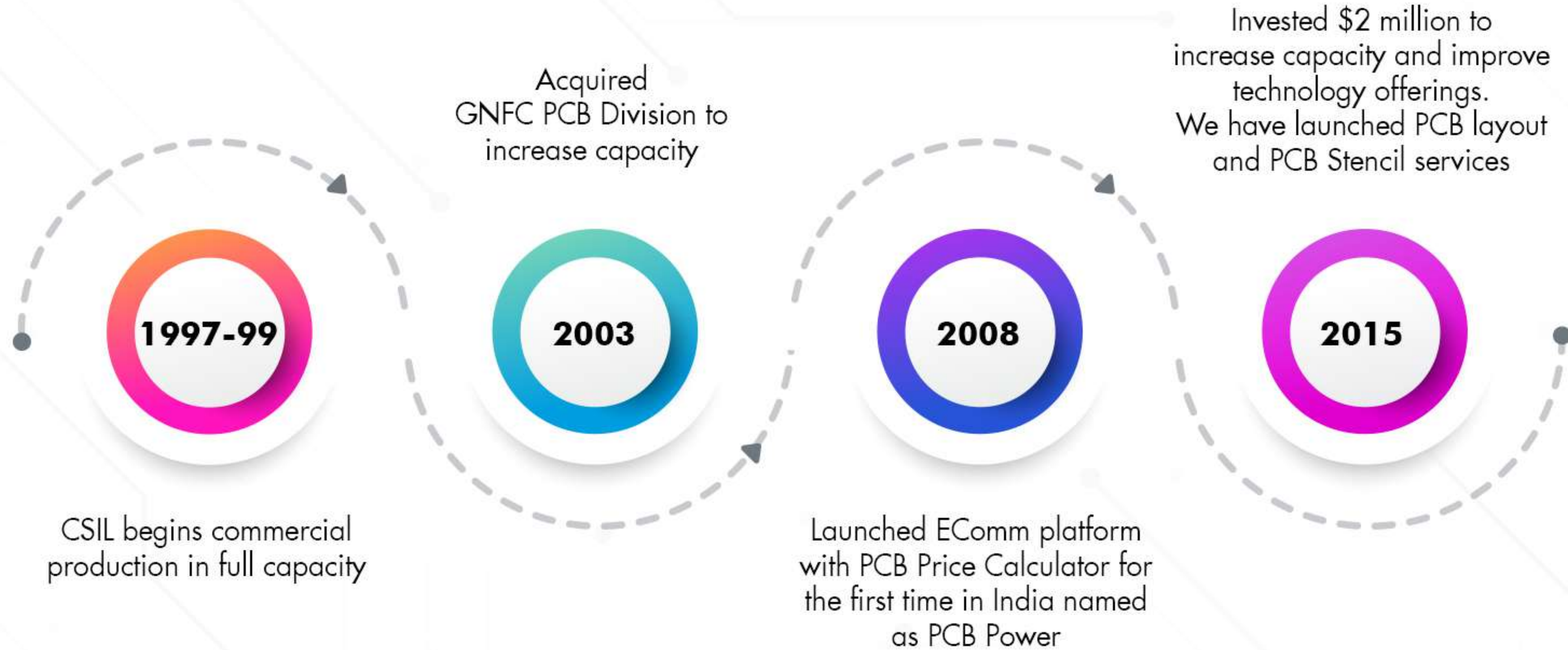
OUR STORY

We measure the value we have created, by the degree of efficiency and effectiveness our customers attain with our services.



OUR TIMELINE

A brief history of PCB Power



OUR TIMELINE

A brief history of PCB Power



Launched a state-of-the-art PCB Assembly Service with \$1 million invested in innovation across the electronics horizon

2016

2017-19

2020

2021-22

2023

Invested \$2 million in improving our manufacturing technology and capacity and infrastructure. We have launched Flex PCB service

The brand evolved into PCB Power, focusing on a wide range of products & services with a vision to become a comprehensive marketplace for electronic components.

Fought the pandemic and strived towards helping companies build critical defense and medical electronics

Launched Mech Power, rebranded to PCB Power, invested \$1 million for advanced PCB Assembly capabilities



WHAT DRIVES US

Vision

To empower innovators in the electronics industry by becoming the foundation of their products and services.

Mission

To become the integrated electronics, design and manufacturing partner of all innovative electronics manufacturing companies.



OUR VALUE SYSTEM

- A** Customer at the Centre of Everything.
- B** Ethics, Transparency and Honesty in All Our Dealings.
- C** Excellence Driven Action Over Everything Else.

WHY CHOOSE US?



No minimum
order
quantity

Turnkey
service
provider

Online
price
calculator

Free
delivery

No setup
charges

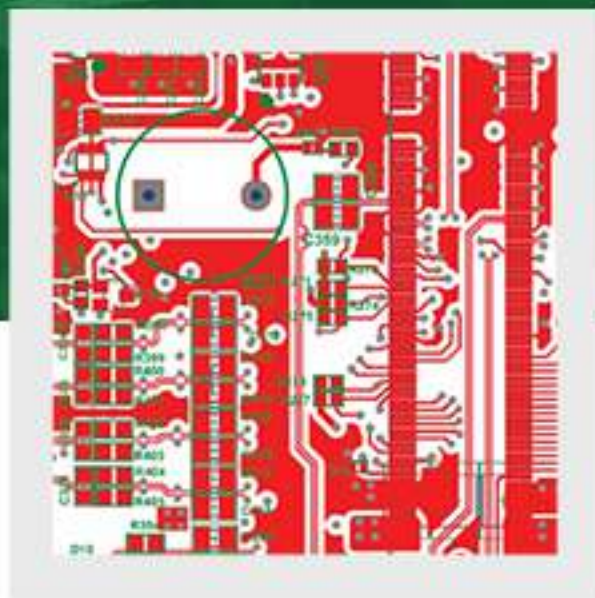
Various
base
materials
in stock

Instant
quote &
Easy online
order

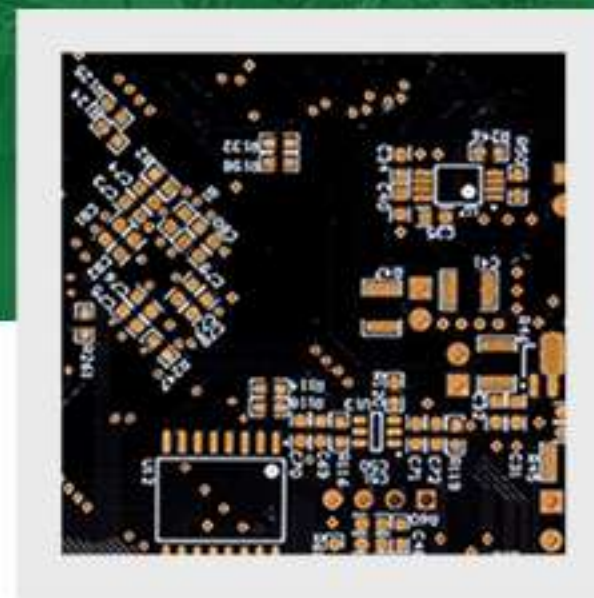
Certified
quality

Ideal for
prototype
small,
and medium
volume

OUR SERVICES



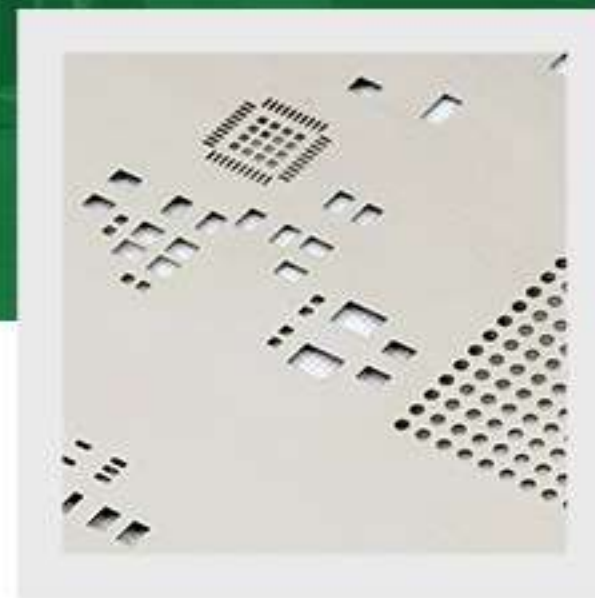
PCB LAYOUT



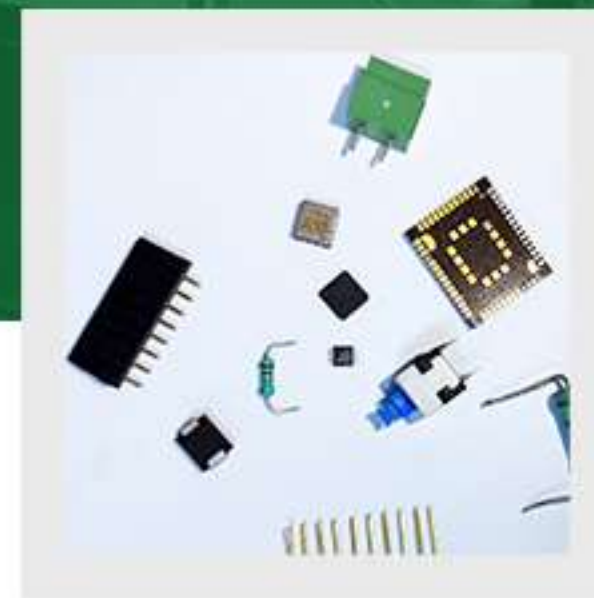
PCB FABRICATION (RIGID)



PCB FABRICATION (FLEX)



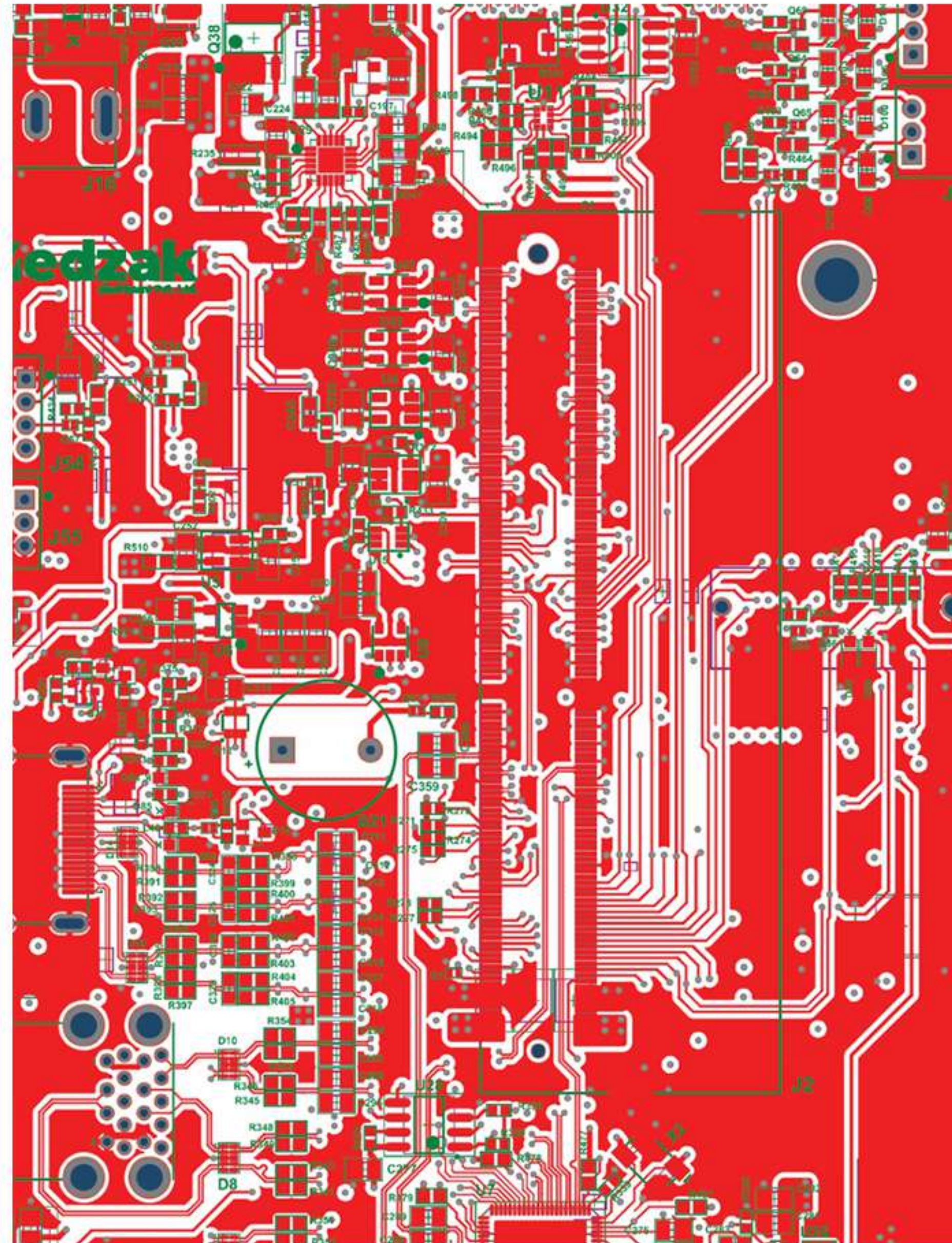
PCB STENCIL



COMPONENT SOURCING



PCB ASSEMBLY



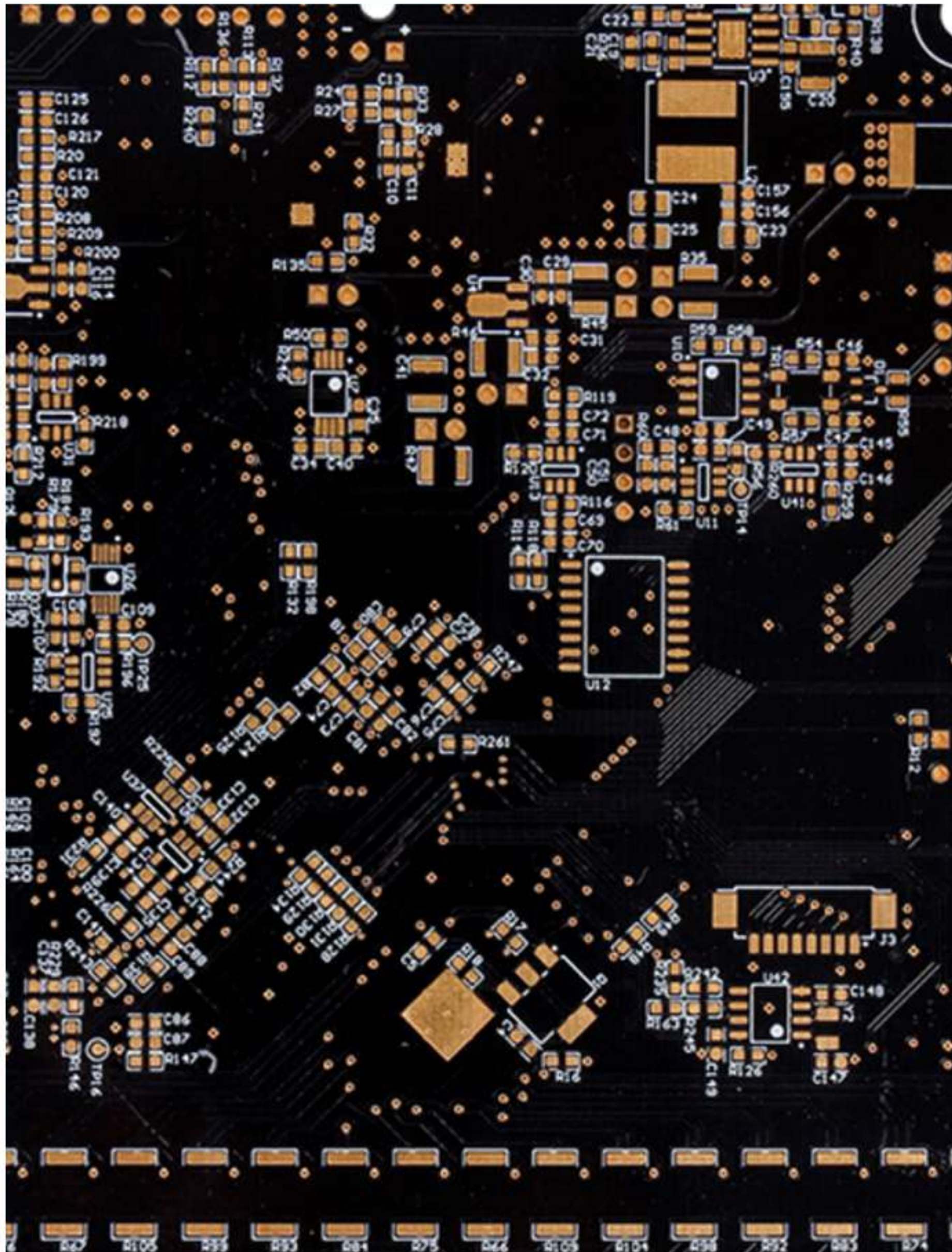
PCB LAYOUT



The process of designing & planning a PCB that cohesively fits your aimed functionalities, performance levels, and production costs.

We give you a comprehensive set of deliverables to aid the ease of manufacturing:

- Gerber Data
- Drilled Data
- Fabrication Drawings
- Assembly Drawings
- Stencil Data
- Design Database
- PCB Images in 2D
- Customized Output Files



PCB FABRICATION (RIGID)



The process of production of PCB in which the components are assembled. We meticulously manufacture circuit boards in line with the design provided by you or developed by our in-house team of experts, which works precisely on your desired parameters.

We provide-

- Absolute Transparency with Online Price Calculator
- Flexible Ordering with minimum order quantity of 1 unit
- Cost-effective process with no additional Set-up Charges
- Quick delivery starting from 3 working days

Click Below to Know

[Technical Capabilities - PCB Fabrication](#)

pcbpower.com

PCB FABRICATION

(FLEX)



Flex PCBs give you absolute freedom to define the form and functionalities of your PCB. Our manufacturing expertise, precision engineering practices, and high-end quality assurance processes ensures that you get the flex PCBs you need.

Primary Benefits of Flex PCB -

- Substantial reduction in wiring errors, size and weight
- Elimination of several connectors
- Substantial design flexibility
- Improved circuit density
- Higher operating temperature range
- Improved signal integrity
- Substantial improvement in impedance control and reliability

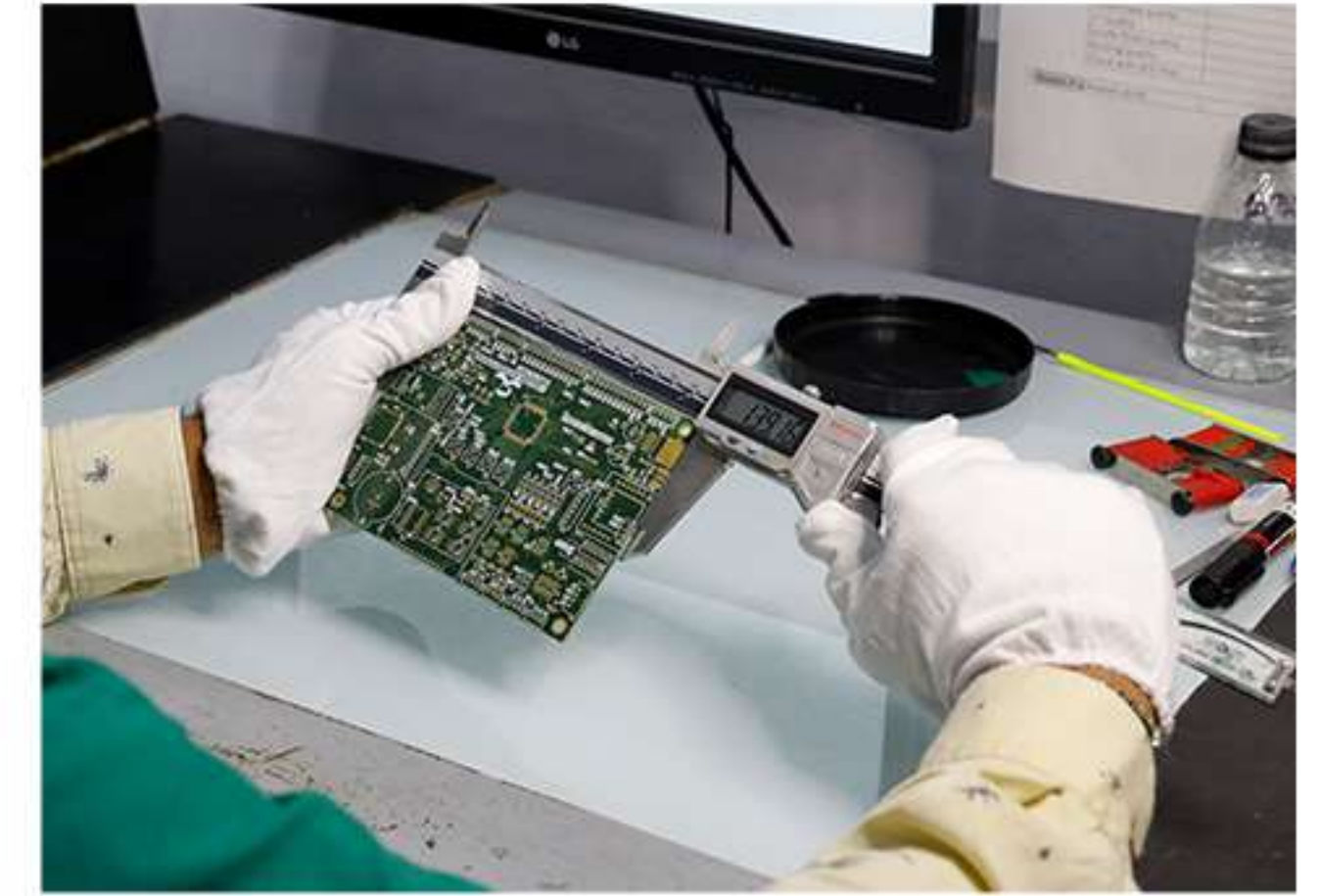


PCB FABRICATION

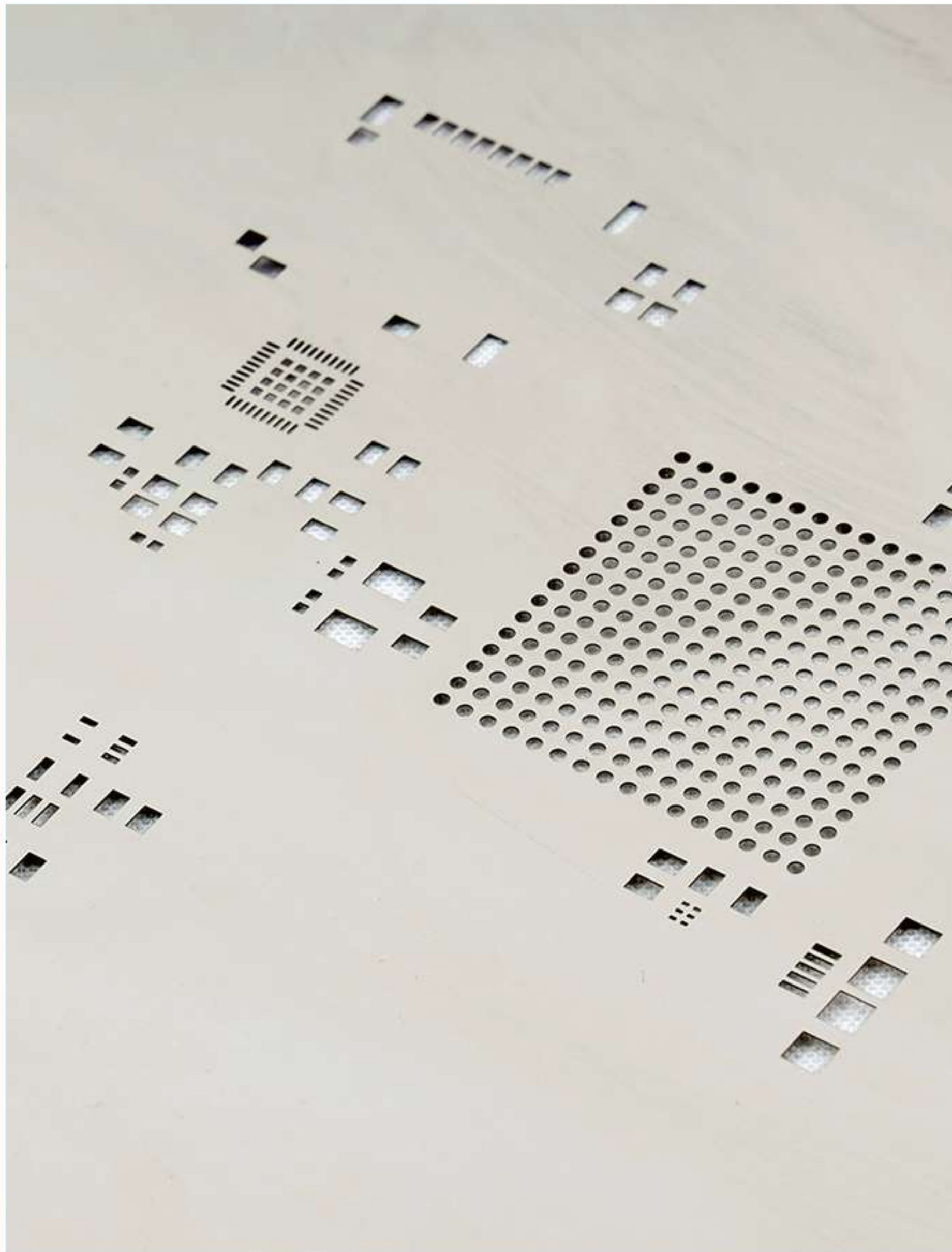
QUALITY CHECK PROCESS



Electrical Testing/Flying Probe Testing



Final Quality Check



PCB STENCIL



Stencils are built to precision as tangible guides that direct the exact circuit design and spatial planning of the circuit mounted devices, during the manufacturing stage to minimize execution errors. Our stencils will help you optimize lead times and production costs, without compromising on the component placement precision.

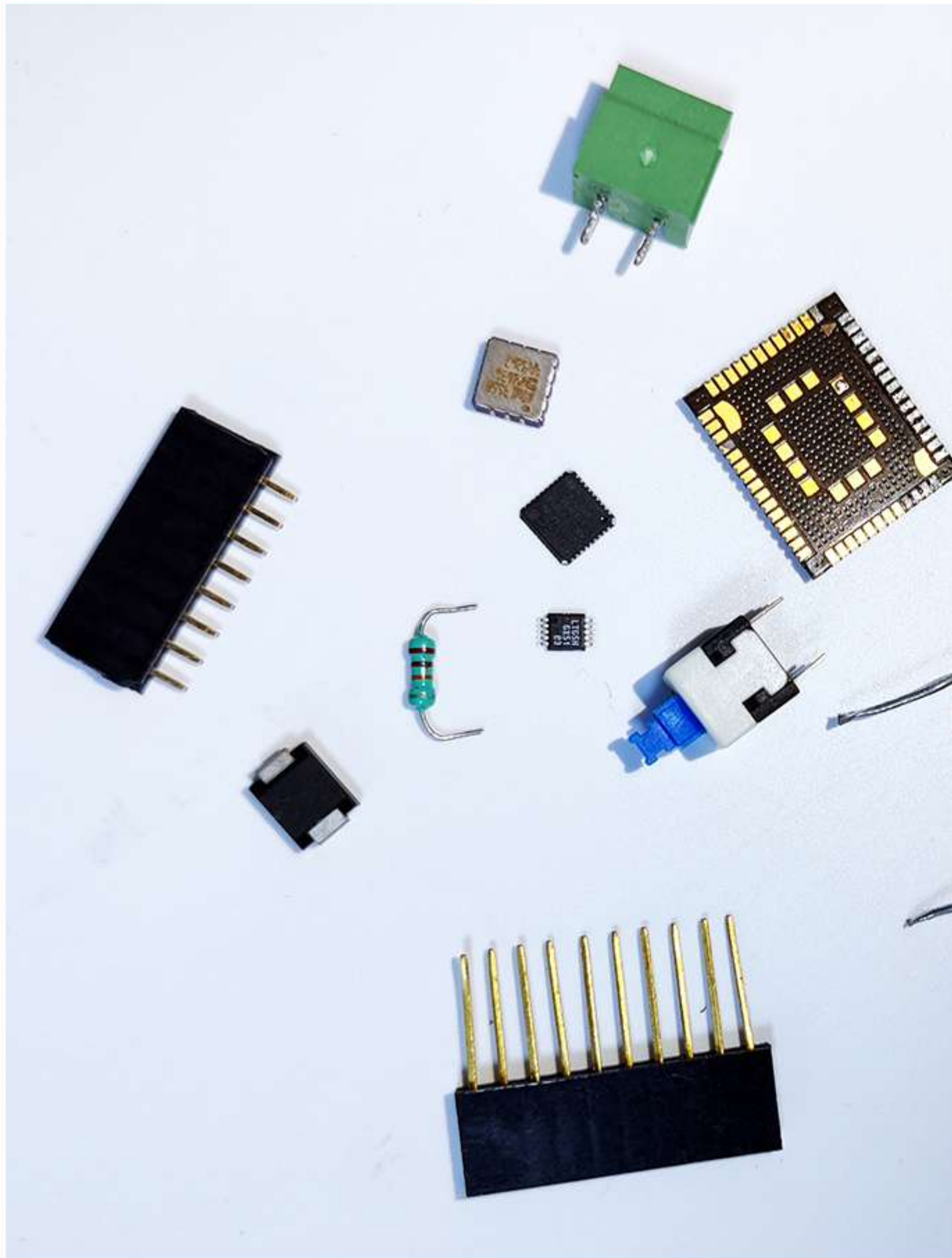
Our Promise: Transparency, Precision, and Efficient Delivery

- Absolute Transparency with Online Price Calculator
- Flexible Ordering with minimum order quantity of 1 unit
- Cost-effective process with no additional Set-up Charges
- Quick Lead Time Deliveries starting from 1 working day of successful order placement

Click Below to Know

[Technical Capabilities - PCB Stencil](#)

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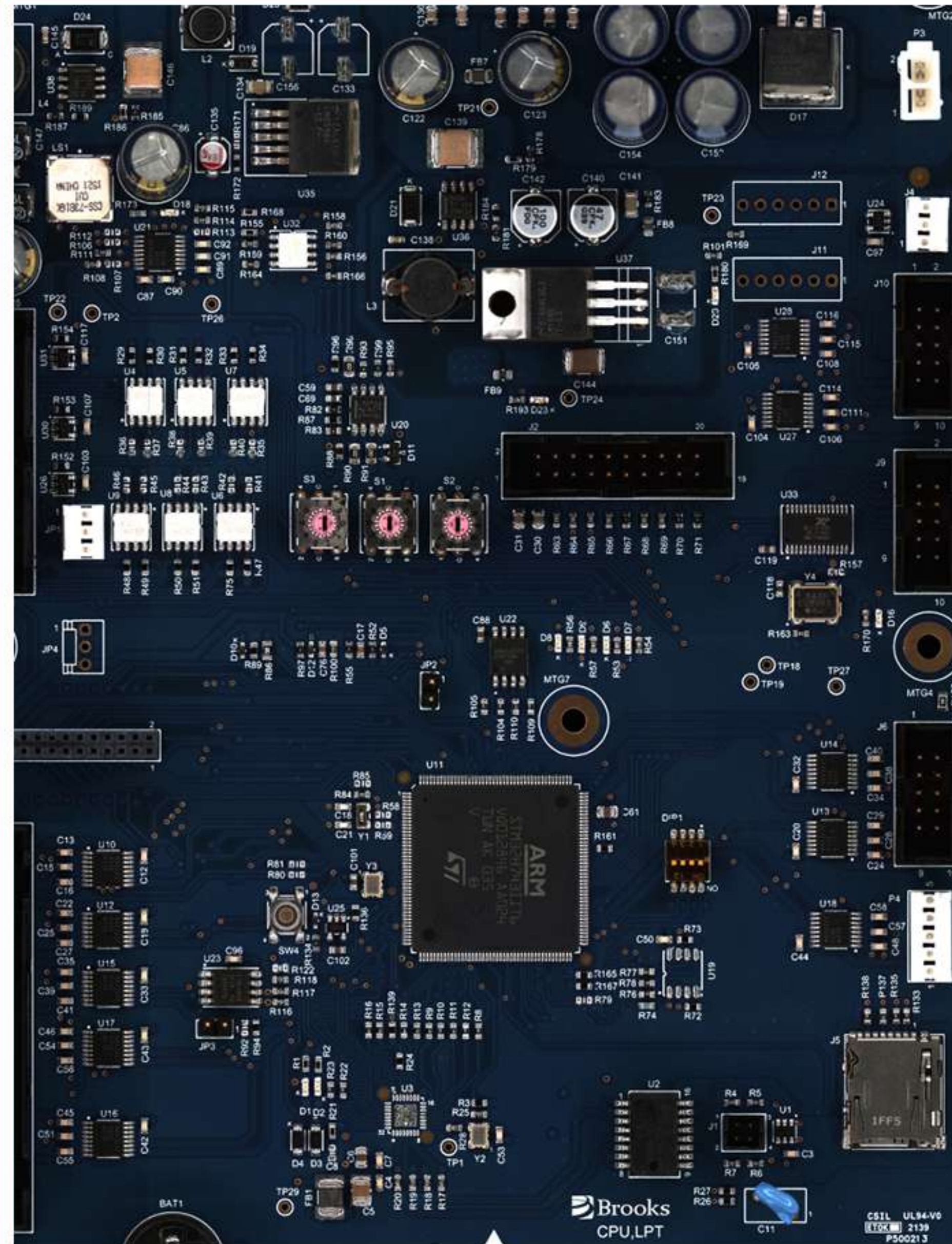


COMPONENT SOURCING



Over years of optimization, we have developed a proprietary network of distributors across the globe that provide precision in terms of functionalities and features you seek from your PCB components.

- No Minimum Order Quantity
- Dedicated Sourcing Team
- Tens of thousands of Components in stock
- Experience-driven Advisory across the PCB Sourcing Cycle
- Transparency & Traceability of Components
- Price Efficiency attained with the help of a Global Sourcing Network
- Industry-leading Quality of components at value-delivering prices



PCB ASSEMBLY

The process entails placement, soldering, insertion, cleaning, and inspection of the PCB. Our perfected Assembly process includes rigorous methods, balancing automation and manual precision along with deep inspection.

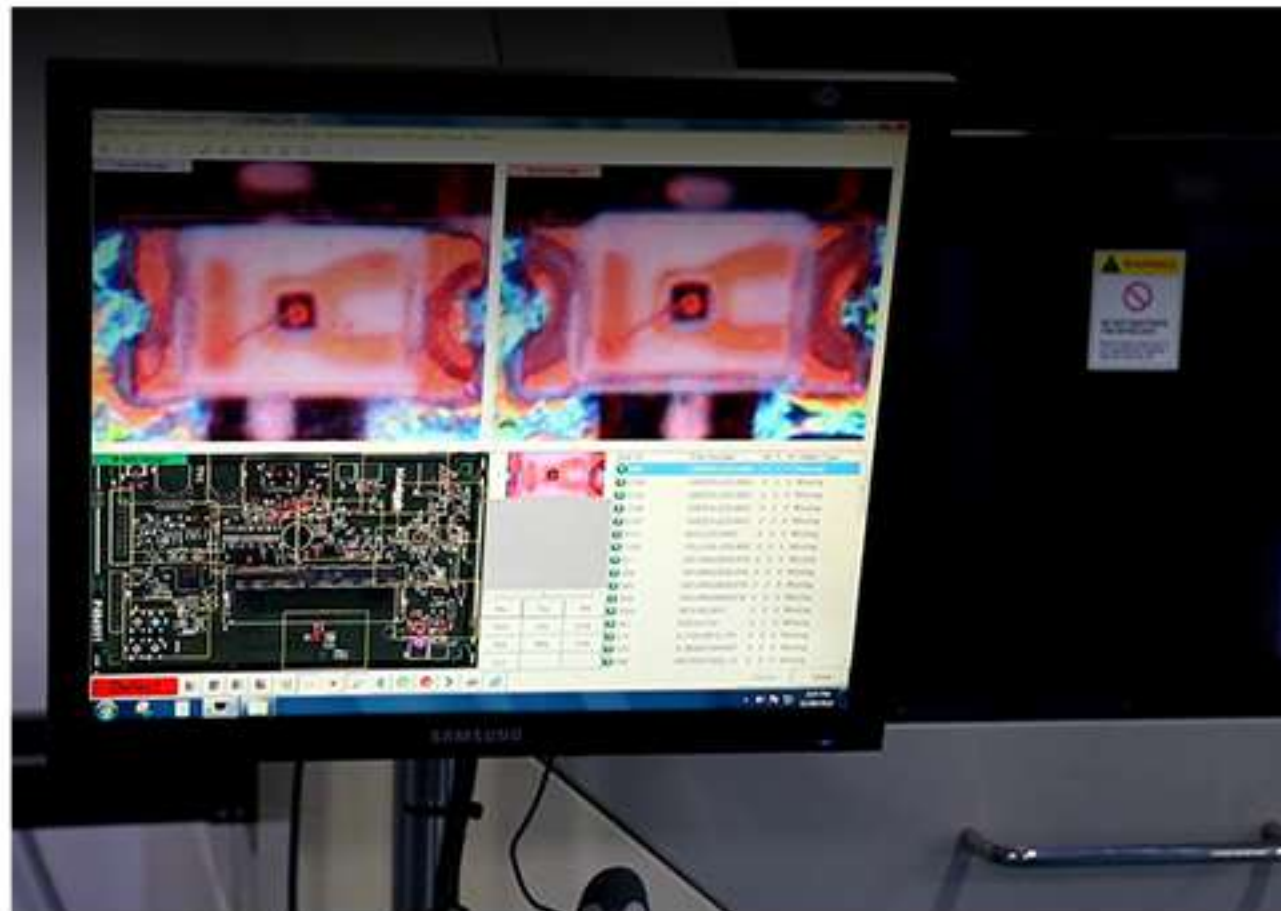
The PCB Power Promise:
Optimized for High-Quality and Quick Deliveries

- Adaptive Approach Turnkey, Consigned, and Partially-Consigned Sourcing
- Standardized Systems BGA, QFN, QFP, and 0402 01005
- Components-Capable Assembly Plant
- Technology-Enabled Precision 2.5 D AOI Verification, X-Ray Inspection, and Automatic Wave Soldering Through Hole Components
- Quick Delivery starting from 3 Working Days

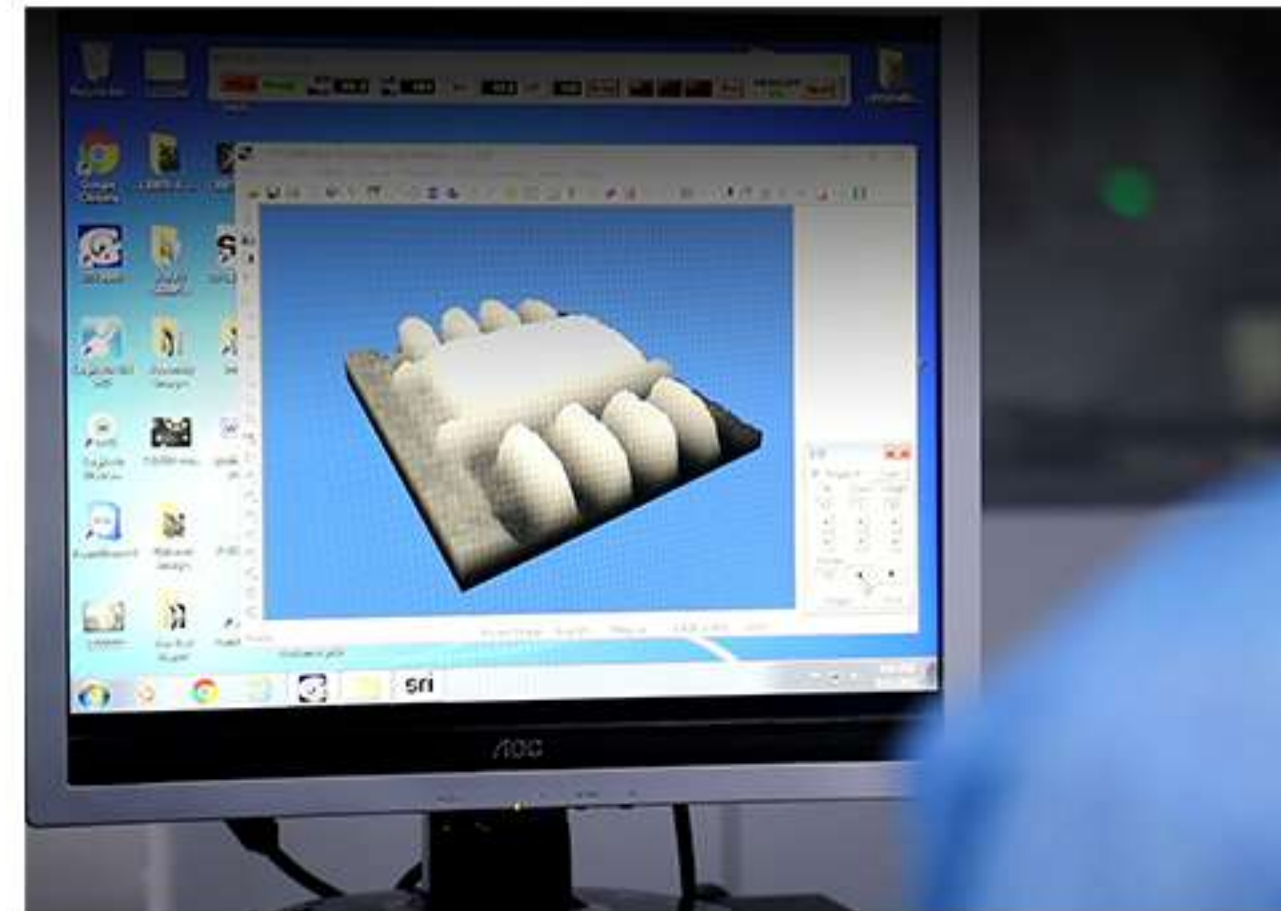
Click Below to Know

[Technical Capabilities - PCB Assembly](#)

PCB ASSEMBLY QUALITY CHECK PROCESS



Automated Optical Inspection



X-Ray Inspection



Visual Examination Processes

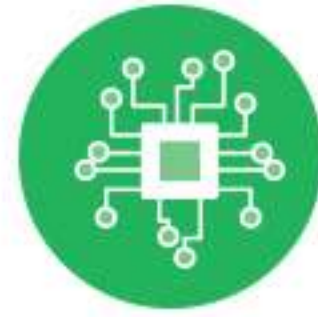
INDUSTRIES WE SERVE



Education institutions



Automotive



Consumer Electronics



Renewable Energy



Lighting



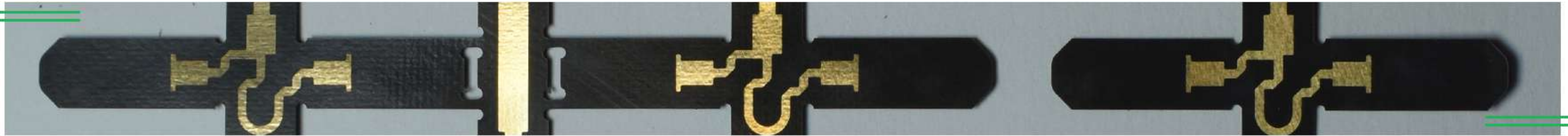
Defense



Telecommunication



IoT



Measurement



Trading



Industrial electronics



Railways



Aerospace



Hobbyist



Medical



Research and development

ISO 9001:2015
ISO 13485:2016



ZPMV2.E210623
WIRING, PRINTED-
COMPONENT

IPC-6012



LCSO



OUR ACCREDITATIONS

We follow IPC Class 2 Standards, our facility is ISO certified, our Raw materials are UL certified and we are ISRO verified as well.

OUR CUSTOMERS





PCB Power

Empower your electronics

LOCATE US

MANUFACTURING UNIT

Circuit Systems (India) Private Limited
B-24, GIDC Electronics Estate, Sector-25,
Gandhinagar: 382044 (Gujarat-India)
CIN NO: U74140GJ1995PLC024524

SALES OFFICE

One42, South Wing 1001 & 1002, Bopal
Ambli Road, Ashok Vatika,
Ahmedabad – 380058, (Gujarat – India)

ENGINEERING UNIT

11,12,36 & 37, GIDC, Electronic Park,
SEZ, Kolavada Rd, Gandhinagar,
Gujarat 382026

MANUFACTURING & SALES OFFICE

18153 Napa Street, Northridge,
California- 91325, United States.

 +91 76000 12414/15  pcb@pcbpower.com  pcbpower.com

