

ABC

ASSEMBLY

ELECTRONIC CONTRACT MANUFACTURING
CIRCUIT BOARD ASSEMBLY
CABLES AND HARNESSSES
SYSTEM INTEGRATION
ENGINEERING

EVERY IDEA STARTS WITH ABC



ABC ASSEMBLY

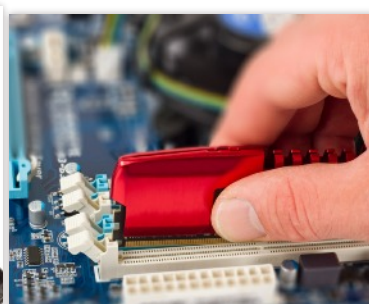
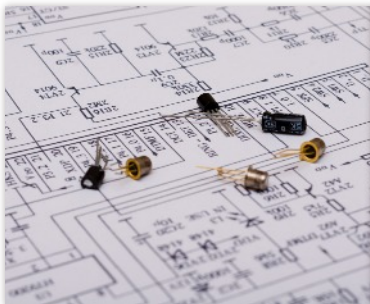
ABC Assembly offers a dynamic approach to the electronics industry. We are a full-service electronic contract manufacturer.

We offer contract manufacturing services of printed circuit boards, wire harnesses, panels, complete box builds, and full system integration. We also provide engineering services to design, redesign, and re-engineer electronic and mechanical solutions as well as any hardware and software requirements.

Our goal is to build solid and long-term partnerships with our customers not only to meet, but to exceed their expectations on quality, service, delivery, and support.

ABC Assembly is located in Northwest Houston. With over 35,000 square feet of climate controlled manufacturing space, ABC has both the capacity and knowledge to help bring our customers' products to market.

We are ISO 9001:2008 certified, UL certified and 100% RoHs compliant. All of our products are built to customer specifications and with the highest quality standards as demanded by ISO 9001:2000, UL, ATEX, and IPC.





TOTAL CUSTOMER SATISFACTION

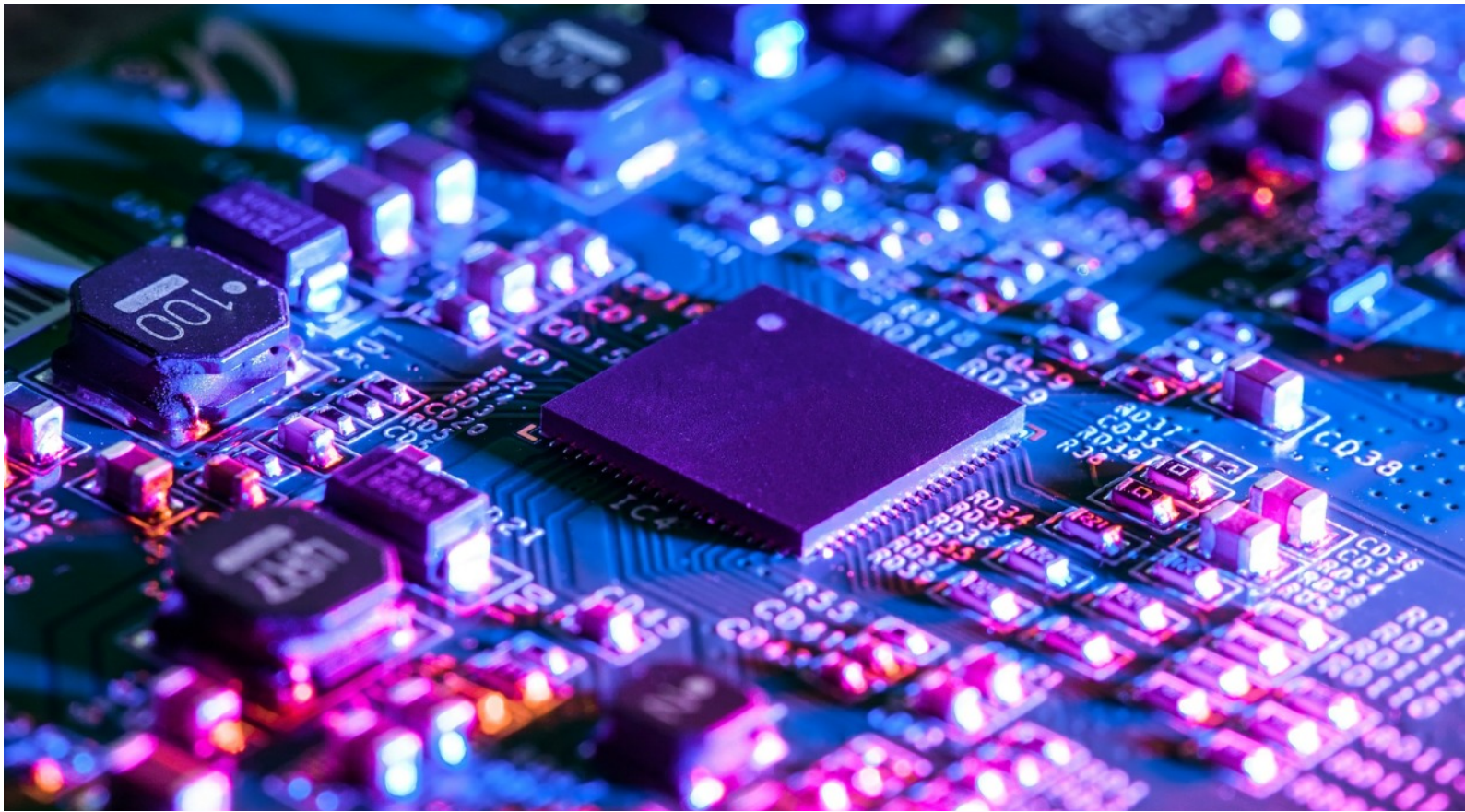
At ABC, we believe that Customer Satisfaction encompasses more than just the products we provide.

“Total Customer Satisfaction” is our goal and it is the core of ABC’s operation. Procurement, Sales, Quoting, Accounting, Manufacturing, Inventory, Engineering, Support, and Quality have the same common goal of ensuring directly or indirectly “Total Customer Satisfaction.”

Our customers’ needs and requirements become ours and we strive to guarantee success.

VALUE SYSTEM

- TREAT OUR SUPPLIERS, OUR CUSTOMERS, AND OUR TEAM MEMBERS WITH THE HIGHEST RESPECT
- CONTINUOUS IMPROVEMENT IN EVERYTHING WE DO
- SUPERIOR QUALITY & EFFICIENCY
- CUSTOMER IS ALWAYS RIGHT
- TRUTH & HONESTY
- TEAMWORK



MANUFACTURING SERVICES

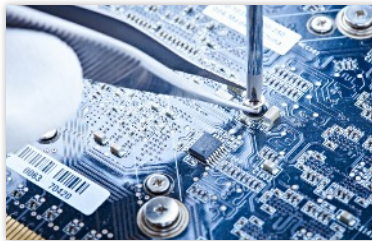
PRINTED CIRCUIT BOARD ASSEMBLY

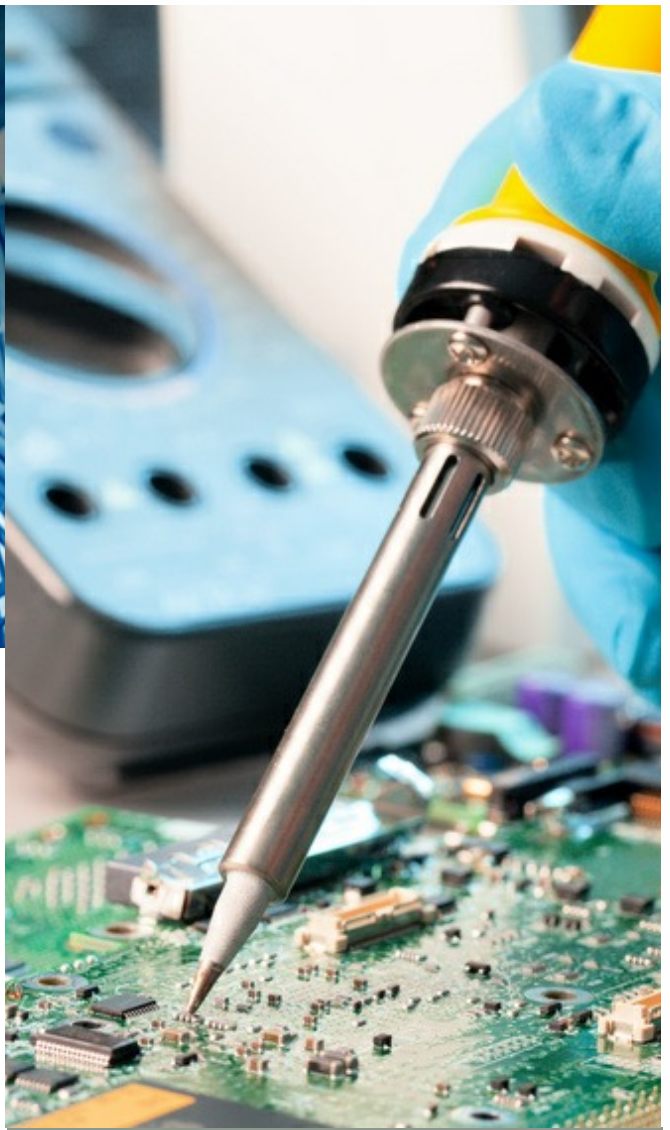
ABC offers both labor-only and full turn-key services using global sourcing to ensure competitiveness in material pricing.

Our products are manufactured and inspected under IPC-A-610, IPC-A-620, and IPC J-STD-001.

PCB CAPABILITIES:

- Surface Mount (SMT) including micro BGA
- Double sided
- Through-hole and mixed technology
- High temperature (up to 350C)
- Lead free (RoHs)
- Prototypes (fast turnaround)
- Conformal coating





CABLES

We are a leading provider of custom cable assemblies and wiring harnesses. With over ten years of industry experience, we have both the knowledge and capacity to be your preferred contract manufacturer.

CUSTOM CABLES & WIRE HARNESSSES:

- Ribbon, serial, USB, video, audio, data, etc.
- Coaxials of any type
- Heavy duty (2/0 AWG)
- High temperature
- Fiber optics
- Braided termination

TO BECOME AN INTEGRAL PART OF OUR CUSTOMER'S OPERATION BY EXCEEDING THEIR EXPECTATIONS IN QUALITY, SERVICE, AND DELIVERY THROUGH LEAN TECHNIQUES AND "KAIZEN" PROCESSES IN A TRUE SPIRIT OF PARTNERSHIP.

ABC

ASSEMBLY

Box Build & System Integration

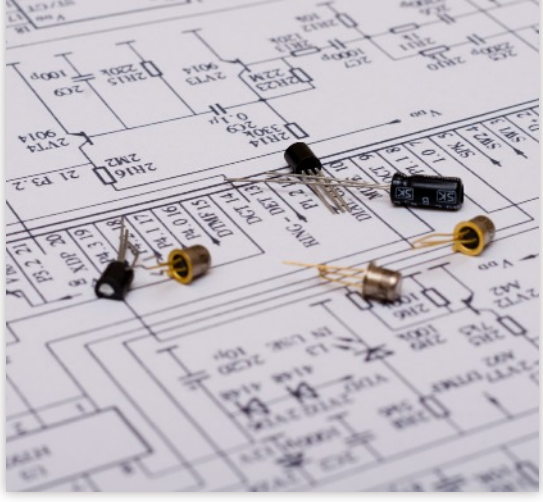


BOX BUILD ASSEMBLY

ABC has been manufacturing full turnkey systems for our customers since 2001. Whether you require a single PCB enclosure assembly or a more robust custom enclosure, we have the resources to help meet your needs.

Box Wiring and Assembly:

- Mechanical and Pneumatic
- Electrical and electronic
- Power and current
- Control and data
- Anti-explosive panels and boxes

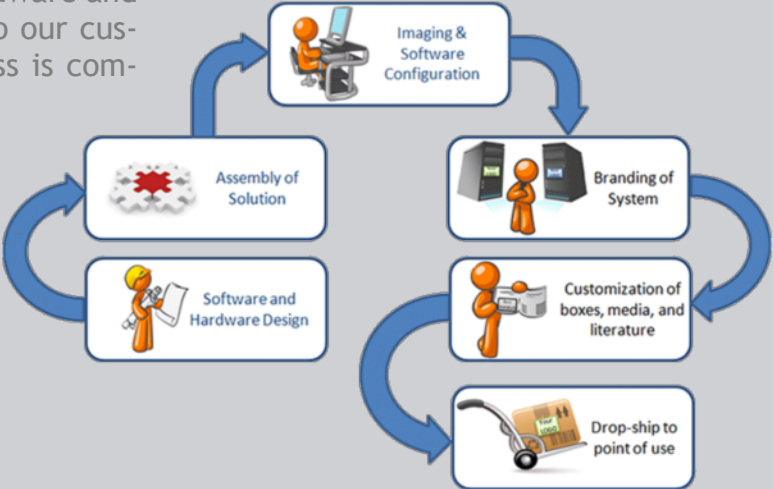


SYSTEM INTEGRATION

We provide system integration services to help our customers take their product to the next level. Each system is configured according to customers' specifications for both hardware and software. We can also ship directly to our customers' customers so that this process is completely transparent for the final user.

Integration Services:

- Hardware configuration
- Software imaging and integration
- System consolidation
- Configuration support
- System conversion



ENGINEERING & DESIGN

ABC has a full staff of electrical/electronic, mechanical, and software engineers who work hand-in-hand with our customers to understand needs, requirements, specifications, budgets, and deliverables.

We follow rigorous processes that enable us to design or redesign solutions that not only meet but exceed expectations. Our engineers can modernize old boards to eliminate obsolete or hard to find components to lower material costs. In addition, we can redesign boards to be RoHs compliant.

We offer complete product design solutions that encompass the following fields:

- Electrical
- Electronic
- Digital solutions
- Driver development
- Printed Circuit Boards and layout
- Software and Hardware Interfaces
- Box/Panel design and development
- AutoCAD and multidimensional drawings



TESTING

1

ABC ASSEMBLY

ABC has extensive experience in developing functional and software testing interfaces for any type of hardware solution. Our engineering staff can develop procedures and fixtures from the schematics of the device under test.

2

ABC ASSEMBLY

ABC offers full testing capabilities and, if required, 100% testing on all assemblies. In addition, we have the capacity to do functional testing under a variety of temperatures to simulate harsh weather conditions.

3

OUR TESTING CAPABILITIES INCLUDE:

- Understanding functionality of device under test and working environment
- Development of testing procedures
- Software and hardware interfaces
- Design and implementation of software simulators
- Design and implementation of testing fixtures
- Testing under harsh temperatures
- Device troubleshooting and repair
- GPS testing
- Environmental stress testing

ABC ASSEMBLY



ASSEMBLY

CONTACT US TODAY

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FURTHER INFORMATION

The following information is available to view on our website www.abc-assembly.com

- [About us](#)
- [Manufacturing](#)
- [Military & Government](#)
- [Engineering](#)
- [Careers](#)

If there is anything else you would like to see, please do not hesitate to contact us.

www.abc-assembly.com