

ASSY012104-0001



# MRC

## TRONICS

### DIVERSIFIED MANUFACTURING SERVICES



S-N 36



# ARC TRONICS

## **COMMITMENT to EXCELLENCE**

Original equipment manufacturers need professionals to faithfully apply their design ideas and bring them to life. Arc-Tronics understands this and will engineer, develop and manufacture your custom printed circuit board, electromechanical and cable/harness assembly products.

Our total quality environment assures that our customers experience excellence in service, quality, dependability, and value. We offer complete turn-key capabilities from design concept and procurement through state-of-the-art product assembly and delivery of product.

We specialize in contract manufacturing with comprehensive engineering support and service. Our customers maintain ownership of custom engineering technology including patents. Arc-Tronics owns no proprietary products. Our employees have a company team attitude with a company shared mission that stresses total customer satisfaction and service.

## **DIVERSIFIED MANUFACTURING SERVICES**

- Circuit Board Assembly (SMT and Thru Hole)
- Cable/Harness Assembly
- Electro-Mechanical
- Complete Systems Build

## **TESTING CAPABILITIES**

- In-Circuit
- Flying Probe
- Functional
- ESS
- Halt

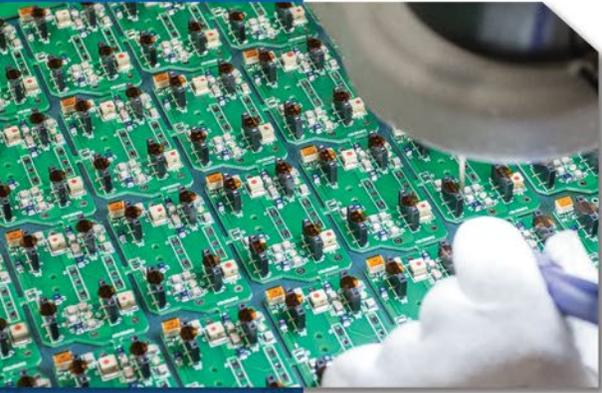
## **MANUFACTURING STANDARDS**

- IPC-610 Class II and Class III
- J-STD-001
- J-STD-001--ES
- Manufacturing in USA

## **CERTIFICATIONS**

- AS9100
- ISO13485
- ISO9001
- ITAR Registered

## PCB ASSEMBLY GROUP



Our PCB Assembly team is ready to apply their experience, technical knowledge and superior process capabilities to produce the highest quality product on time. Beginning with a formal New Product Introduction (NPI) review, our team ensures your product is manufactured to your specifications. Product configuration is tightly controlled by the customer's part number, revision, and approved vendor list (AVL).

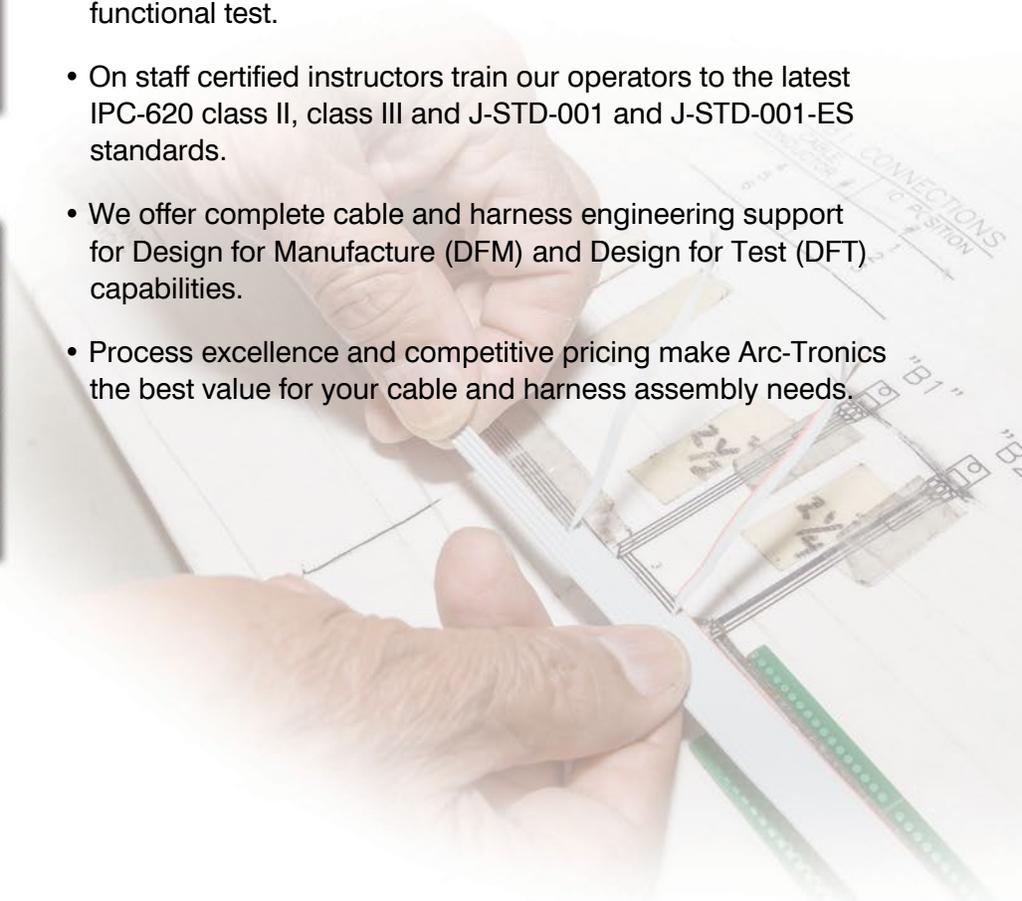
- Our process utilizes state-of-the-art equipment:
  - Fully Automated Screen Printers with 2-D vision
  - Inline 3-D Solder Paste Inspection (SPI)
  - Fully Automated Pick and Place Equipment capable of placing 01005 chip components and micro-BGA's
  - Automated Optical Inspection (AOI) is performed on all surface mount components
  - Off line programming and quick change feeders allow for the utmost efficiency and flexibility in job change over
  - 3-D X-Ray for BGA and QFN components
  - Dedicated lead and lead-free Selective Solder and Wave Solder equipment
- Quality is integrated into the process and issues performance reports to management for analysis and continual improvement.
- Full testing capabilities, including In-Circuit Test (ICT), Flying Probe, JTAG, and functional test.
- On staff certified instructors train our operators to the latest IPC-610 class II, class III, J-STD-001 and J-STD-001-ES standards.
- We offer complete PCB engineering support for Design for Manufacture (DFM) and Design for Test (DFT) capabilities.
- Process excellence and competitive pricing make Arc-Tronics the best value for your printed circuit board assembly needs.

## ***CABLE & HARNESS GROUP***



Our Cable and Harness Assembly team is ready to apply their experience, technical knowledge and superior process capabilities to produce the highest quality product on time. Beginning with a formal New Product Introduction (NPI) review, our team ensures your product is manufactured to your specifications. Product configuration is tightly controlled by the customer's part number, revision, and approved vendor list (AVL).

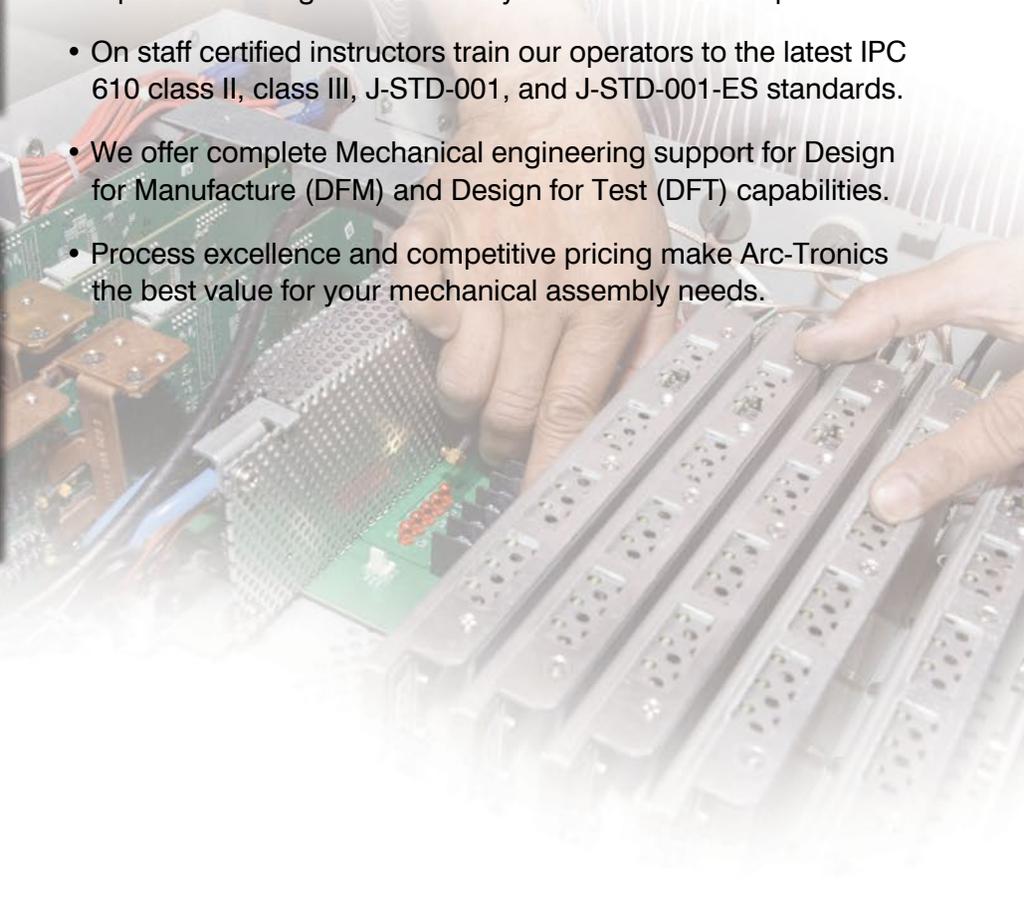
- Production Engineering performs a careful review of each order to assure that the specified wire, terminals and tooling are complementary.
- Templates and harness boards are designed from blueprints or samples to assure production consistency.
- We stock a large variety of wire, cable, terminals and connectors.
- Quality is integrated into the process and issues performance reports to management for analysis and continual improvement.
- Full testing capabilities including Hypot, continuity, and functional test.
- On staff certified instructors train our operators to the latest IPC-620 class II, class III and J-STD-001 and J-STD-001-ES standards.
- We offer complete cable and harness engineering support for Design for Manufacture (DFM) and Design for Test (DFT) capabilities.
- Process excellence and competitive pricing make Arc-Tronics the best value for your cable and harness assembly needs.



## ***MECHANICAL ASSEMBLY GROUP***

Our Mechanical Assembly team is ready to apply their experience, technical knowledge and superior process capabilities to produce the highest quality product on time. Beginning with a formal New Product Introduction (NPI) review, our team ensures your product is manufactured to your specifications. Product configuration is tightly controlled by the customer's part number, revision, and approved vendor list (AVL).

- Production Engineering plans the assembly steps, issues detailed work instructions and creates CAD drawings that detail complex mechanical steps.
- Custom components are carefully inspected to assure conformance. Attention is given to part quality and the customer's functional and cosmetic requirements.
- Our testing capabilities include in-line functional testing, HALT, and ESS.
- Quality is integrated into the process and issues performance reports to management for analysis and continual improvement.
- On staff certified instructors train our operators to the latest IPC 610 class II, class III, J-STD-001, and J-STD-001-ES standards.
- We offer complete Mechanical engineering support for Design for Manufacture (DFM) and Design for Test (DFT) capabilities.
- Process excellence and competitive pricing make Arc-Tronics the best value for your mechanical assembly needs.





# ARC TRONICS

1150 Pagni Dr., Elk Grove Village, IL 60007  
P: 847.437.0211 F: 847.437.0181

[www.arc-tronics.com](http://www.arc-tronics.com)

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