

# ***CIRCUIT BOARD ASSEMBLY***

The Northern Apex circuit board assembly team specializes in sourcing and prepping components, performing intricate circuit board assembly (through hole as well as surface mount), hardware assembly and soldering. Our team excels at providing the flexibility required to be the single source for the assembly of your products from inventory control to final testing, packaging and shipping.

The Apex approach is to quickly involve our manufacturing engineering expertise to establish the assembly process for your product. Our team will develop a manufacturing procedure, identify or design the required tools and fixtures as well as define quality assurance programs and final packaging specifications. Our engineering design group can offer assistance in improving a design, design enhancements for producibility and cost reduction techniques.

Our facility is equipped with an automatic wave solder system as well as mil-spec trained hand solder personnel for low volume or complex circuitry. This flexibility combined with our experienced personnel, helps us to ensure that your product is processed with the most cost effective process available.

In addition to production efficiency, our component sourcing services offer you an even greater advantage. Our extensive library of sources, distributors, and manufactures locates your parts fast and at the lowest costs available. Our inventory management process even allows you the option to supply some or all of the components for your build and still utilize our inventory management system for complete production control.

Typical low or high volume, simple to complex electronic assembly by Northern Apex may include the following:

- △ Component Sourcing
- △ Component Prep and Lead Forming
- △ Circuit Board Assembly
  - △ Circuit Board Rework
    - △ Prototype or Bread Board Assembly
    - △ Build to Print Assembly
    - △ Mechanical Assembly
    - △ Non-Standard Component Insertion and Solder
      - △ Inspection and Quality Assurance
      - △ Testing Services
      - △ Final Packaging