



DATA SHEET - PRINTED CIRCUIT BOARD ASSEMBLY (PCBA)

- **CUSTOMER BENEFITS**

- Design or co-design of the PCBA
- Cost Reduction Analysis
- Prototyping – fast turn
- From small to complex board assembly
- Flexible manufacturing options
- Customer focused prototyping teams for pre & post prototype analysis

SERVICES

- Design, simulation and layout of printed circuit
- Design-for-manufacture (DFM)
- Design-for-test analysis (DFTA)
- Process failure mode effect analysis (PFMEA) & standard FMEA
- Cross functional teams to work with new product introductory
- Dedicated prototype environment for flexibility and control

CAPABILITIES

- Schematic Capture
- PCB Design
- Layout for various complexities: single and multilayer PCB fabrications and finishes
- Mixed technologies
- Both thru-hole and SMT designs
- BGA - plastic & ceramic
- Fine pitch components
- Thru-hole assembly

- SMT lines – fully automatic high speed lines
- BGA and fine pitch component assembly
- Lead Free Reflow ovens
- Lead Free Dual Wave machines
- X-Ray Inspection
- Automatic Optical Inspection (AOI)
- Assembly standards
- 0201 chips
- Chip on Board (high speed wire bonding)
- Lead free assembly (RoHS compliant)
- IN-Circuit-Test (ICT)
- Odd forms
- Various board geometries