



manufacturing partner  
to innovators



## Manufacturing Engineer

<b>Company:</b>	SMTC Corporation	<b>Location:</b>	Fremont, California
<b>Department:</b>	Engineering	<b>Reports To:</b>	Engineering Manager

### Company Overview:

**SMTC Corporation** is the company behind the manufacture, performance and intelligence sophisticated electronic devices all over the world. We are a global Electronics Manufacturing Services (EMS) provider with more than two decades of experience working in partnership with Original Equipment Manufacturers (OEMs) in computer, industrial, communications, consumer and medical markets.

- **Our customers are the heart of our business.** We go to great lengths to build strong, synergistic relationships with our customers and business partners worldwide.
- **Our services, processes and capabilities deliver customer value.** SMTC provides global end-to-end solutions including design, new product introduction, manufacturing, supply chain management, and after-sales services for the whole product lifecycle.
- **Our people make it happen.** SMTC employees are responsive, results-oriented professionals with a track record for innovative, flexible solutions focused on customer needs. Our expertise in quality, technology and supply chain management offers customers a distinct competitive advantage.
- **Our business is global.** SMTC operates a global manufacturing network with operations in Canada, the United States, Mexico and a partnering relationship in China. For more information: [www.smtc.com](http://www.smtc.com).

**Position Overview:** The Manufacturing Engineer will provide dedicated engineering support to the manufacturing operation of PCBA, Box-Build, and System Integration.

### Key Responsibilities:

- Understanding of printed circuit board assembly processes including solder paste printing, placement, reflow profiling, automated inspection parameter, product acceptance standard.
- Develop manufacturing documents such as MPI/TPI's, process specifications, and inspection methodology for PCBA, Mechanical assembly, and system integrations.
- Provide the design for manufacturability feedback for New Product and Post Build Analysis.
- Understanding of FMEA and related failure analysis techniques.
- Knowledge of statistical analysis tool such as SPC, DOE, familiarity with Corrective and Preventive action.

- Work with customer to implement design changes that will increase manufacturability resulting in yield, efficiency, and/or cost improvements.
- Provide ongoing support to process development, root cause analysis, and systematic problem solving
- Manage customer account to meet all of customers' requirements.
- Lead efforts in continuous process improvement utilizing lean manufacturing and six sigma principles.

### **Required Qualifications and Experience:**

- Bachelor's degree in Engineering required.
- Minimum of five years engineering experience required, preferably in a contract manufacturing environment
- Effective problem solving and organizational skills
- Effective communication skills (written and verbal)
- Strong interpersonal skills and the ability to work within a team environment
- Excellent computer skills (Lotus Notes, Office, AutoCAD, CAM an asset)
- Detail and quality oriented

**APPLICATION PROCESS:** All applicants interested in this career opportunity should send their cover letter and resume by [corporatehr@smtc.com](mailto:corporatehr@smtc.com) and quote the position title in the subject line.

Please note that only those applicants selected for an interview will be contacted directly.