

# Terry Schwartz

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## Profile

Motivated, personable manufacturing and engineering professional with more than 25 years of experience in Electronic Manufacturing Services, product design, process development, documentation, quality and adherence to established goals supporting the following industries; Military, Aerospace, Medical, Automotive and Consumer products.

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### **Core competences and strengths:**

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|--------------------------|--------------------------------------|---------------------------|
| * Continuous Improvement | * Corrective Action (MRB) Board      | * Lean Manufacturing      |
| * Root Cause Analysis    | * Reflow & Wave Soldering            | * Process Optimization    |
| * PCB Fabrication        | * Fixture, Jig & Tool Design         | * Component Engineering   |
| * Cost Reduction         | * Agile, M2M, Fourth Shift (MRP)     | * Common Sense Approaches |
| * Program Management     | * Design for Manufacturability (DFM) | * Soldering & Rework      |
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## Professional Experience

- Prepare detailed work instructions, routers, time standards, tooling, equipment requirements, and packaging for PCBA / Electro-Mechanical - NPI, prototype and production assemblies per ANSI / MIL / IPC standards.
- Provided technical direction and/or resolution on issues arising from components, products & processes
- Identify process improvements, provide technical support, develop, implement and document changes. Analyze disposition of non-conforming material (MRB) and work directly with suppliers for corrective actions. Make recommendations for improved product quality, manufacturing processes, initiate corrective/preventative actions, and strictly enforce company policies.
- DFM reviews to ensure compatibility of processing methods
- Prepare detailed material & labor quotations including: costs, lead-times, min/mult, excess, manufacturers' cross-reference, and suppliers.
- Review ECs, PCNs, conduct technical experiments, selection & acceptance, training and validation of equipment.
- Responsible for 50% reduction of internal system transactions by defining standards for BOM structure, data entry, material inventory/control and sales order entry per ISO 9000:2001.
- Works cooperatively with others as a teammate to achieve results, build morale, and celebrate the successes of others.
- Strong interpersonal & negotiating skills.
- Takes personal responsibility and accountability for delivering results that meet or exceed company goals.
- Clearly communicates in a straight-forward, honest, and timely manner.

## Employment History

### Advanced Circuits

*Assembly Sales Engineer*  
EMS & PCB Fabrication Company

Aurora, CO

Feb 2010 – July 2014

EMS division - source Bill of Material components, suppliers, lead-time, pricing, labor quotations, program management, process engineering, DFM.

### Reliant Manufacturing Services LLC

*Manufacturing / Process / Quotation / Engineer*  
EMS Company – **Closed**

Longmont, CO

Jul 2007 – Mar 2009

May 2001 – Jan 2006

Develop and implement customers Printed Circuit Board Assemblies (PCBA), Electro-Mechanical and Cable Assembly requirements into Standard Operational Procedures (SOP) per IPC, MIL and ANSI standards. Source all Bill of Material

(BOM) component suppliers, lead-time, pricing and manufacturing tooling. Establish process routers, time standards and manufacturing process definition to component level. Design for Manufacturability (DFM) review of PCB, component engineering, layout, panelization and mechanical. Define advanced manufacturing processes through experimentation.

**SEAKR Engineering Inc**

*Process Engineer*

OEM - Aerospace SBC & Solid State Recorders

Centennial, CO

Nov 2006 – Jun 2007

Provide process engineering support of electronic manufacturing department, and quality engineering of Solid State Recorders, Single Board Computers and Space Communication Systems.

**Cornice Inc.**

*Process Engineer*

OEM Disk Drive – **Closed**

Longmont, CO

Jan 2006 – Jun 2006

Recruited by Cornice to provide manufacturing engineering expertise, process optimization and PCBA design enhancements for world's smallest hard disk drive. Short term contract position with the potential for a permanent employment, unfortunately the product media too volatile for mobile hand held consumer products and the company was shutdown prior to large scale product release.

**EMCO – Advanced Technology Division**

*Operations / Manufacturing Manager / Engineer*

OEM Flow Meters – **Closed**

Longmont, CO

Feb 1997 – May 2001

Establish Electronic Manufacturing Services (EMS) for internal products and external contract manufacturing services. Advanced Technology Division provided quick-turn manufacturing services for state-of-the-art prototype to medium volume PCBA's.

**Education**

**Devry University**

Computer Science

Phoenix, AZ