
Company Profile -2008



www.adcom.co.il

Ruth Kastner, Engineering Manager

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Company Vision



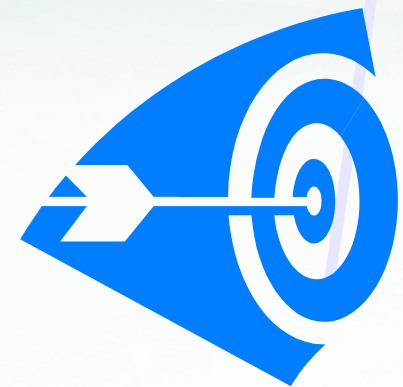
Strives to become a major design center for electronic designs. Provides advanced design technology solutions, services and knowledge in the areas of Analog/Digital design, PCB Layout and Engineering Services and Consulting to the industry.



Quality Policy

- ✓ Adcom commits to all its customers uncompromising high quality, modern R&D and manufacturing, controlled operation and production, to achieve a perfect product

Achieved through company controlled procedures and processes frequent Design Reviews as well as by Personnel Training

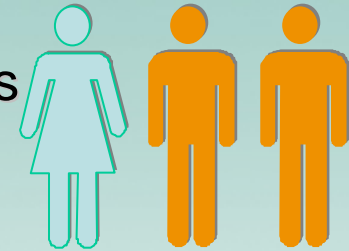




Company History



Established in 1980, Privately owned by 3 partners



Located in Ra'anana Hi -Tech area



Developed products for ADCOM



Develops custom products, systems, boards



Consults in Design and Engineering Technologies



Over 20 years experience in the Electronic Design & PCB



Strategy



Establish long term relationship with customers by increasing our added value to them, through technology, knowledge, experience, good engineering practice



We are a lean company with high quality designers, trained to serve our customers with professional attitude





Nature of Business

ADCOM is a Israel based, ISO 9000-2000 compliant company, privately owned, located in Ra'anana.

The company designs, develops, manufactures and tests high performance signal processing and re-configurable systems for original equipment manufacturers in the wireless and signal processing markets.

ADCOM gained experience in the design of Analog & Digital systems, Communication Hi-speed busses while incorporating JTAG/Boundary technology into the design



Engineering Services

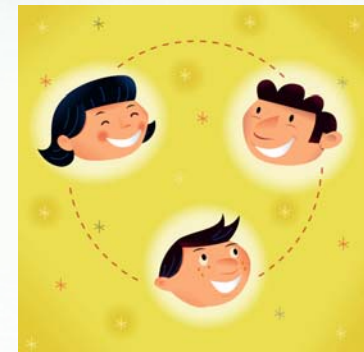




Engineering Services

The engineering team includes highly skilled and experienced individuals like:

- Limor Parchak – in Hi-tech products NPI & Technology DF'x
- Greg Roitman - in MRP systems
- Avi Shechter – in Product files, Component Engineering
- Eli Moshe – in Cost Reduction, Reverse Engineering
- Ruth Kastner – in Quality Engineering, Mentoring a new product





Engineering Services

Adcom engineering team provides the following services:

- Component Engineering – Alternative p/n, Substitute p/n, RoHs
- Cost Reduction – through design, component and layout changes
- MRP – Help customer in absorbing new MRP/PDM systems in their organization
- NPI – Move product from Proto to Mass production
- Product files / Production files
- Technology mentoring in new product development
- Reverse Engineering
- Quality Engineering



Engineering Services

Component Engineering – Alternative P/N,
Substitute P/N, from leaded to lead-free

- ✓ Build Bill of Material
- ✓ Find Manufacturer P/N
- ✓ Find Alternative and substitute parts
- ✓ Compare Packages and types
- ✓ Purchase BOM

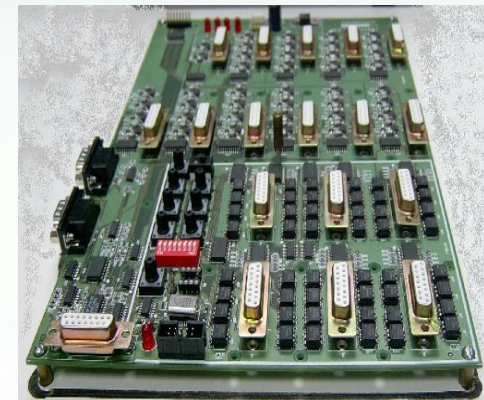




Engineering Services

Cost Reduction – through design, component and layout changes

- ✓ Product BOM
- ✓ Product Technology DFA, DFM, DFT
- ✓ PCB Manufacturing
- ✓ PCB Assembly
- ✓ Re-design of system, product
- ✓ Testing method and Jig





Engineering Services

MRP – Help customer in absorbing new MRP/PDM systems in their organization

- ✓ Work on different ERP and PDM systems at customer location
- ✓ Build Product trees
- ✓ Run MRP
- ✓ Insert required data

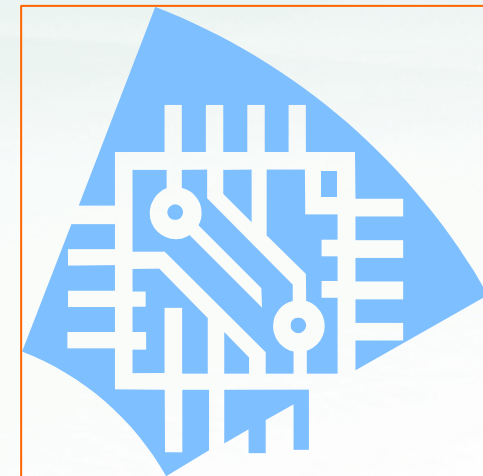


Engineering Services

NPI- New Product Introduction

- ✓ Technical solution for DFA, DFM, DFT
- ✓ Product files for DFA, DFM, DFT
- ✓ Documentation, Certifications
- ✓ First Prototype building and testing
- ✓ Audit & Evaluation of Contract Manufacturer

- ✓ Configuration Management
- ✓ Product data base
- ✓ Product Cost structure
- ✓ Assembly instructions
- ✓ Testing instructions ATP/ATR





Engineering Services

Failure analysis

- ✓ Failure analysis investigation
- ✓ Design problem
- ✓ Technology problem
- ✓ Layout problem
- ✓ Production problem
- ✓ Component
- ✓ PCB manufactured
- ✓ Corrective action recommendation and implementation



Engineering Services

Product files / Production files

- ✓ Build your product files with version control
 - ✓ Archive your data bases
 - ✓ Provide solutions for ongoing changes
 - ✓ Provide training to the manufacturing team
 - ✓ Provide testers and dedicated test jigs and equipment
 - ✓ Maintain your libraries – symbol and footprint
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- ✓ Tailor the production files to your manufacturer requirements
 - ✓ Provide training to the manufacturing team
 - ✓ Provide testers and dedicated test jigs and equipment





Engineering Services

Technology mentoring in new product development

- ✓ Accompany a new development from concept to prototype
- ✓ Guide in technology selection
- ✓ PCB layout guidelines
- ✓ Subcontractor selection
- ✓ Component technology
- ✓ MTBF calculations
- ✓ Regulation





Engineering Services

Reverse Engineering

- ✓ From products to components
- ✓ Technology feasibility
- ✓ Cost analysis
- ✓ Technology Analysis





Engineering Services

Quality Engineering

- ✓ ISO process
- ✓ Quality training, audits
- ✓ Quality by Design techniques
- ✓ DOE, QFD
- ✓ Certification
- ✓ RMA process implementation
- ✓ Quality plan/product





ADCON

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