



COMPANY OVERVIEW

- Axiom started business in 1992
- Manufactured medical devices initially
- First Freescale order in 1997 -- now a top Freescale design and manufacturing vendor
- Acquired by Xceltronix in 2006
- Moved to a new manufacturing facility that doubled floor space in 2008
- Axiom has experience and technical expertise in a wide range of applications



- Axiom specializes in single board computers, embedded controllers, custom design, and manufacturing solutions
- Axiom's engineering department is staffed by seasoned software and hardware engineers with extensive experience in embedded real time systems design
- Axiom Manufacturing is one of Freescale's top 3rd party tool vendors for 8/16/32 bit microprocessor development and evaluation systems
- Axiom provides design/development/manufacturing services ranging from concept to manufacture and from board level to system level

What We Offer



THREE BUSINESS AREAS

- Products
- Design Services
- Manufacturing



PRODUCTS

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- 8/16/32 bit μ C/ μ P development boards
 - Flexis Family
 - Coldfire V1/2/3/4
 - PowerPC
 - 68HC08/68HC11/68HC12
- 8/16/32 bit development tools
 - Background debug modules (BDM)
 - PC based IDE
 - Source level debugging
 - GNU compiler packages
- Development boards and tools sold to
 - Industrial/commercial customers
 - Educational

DESIGN SERVICES

DESIGN SERVICES

- Custom design and development
- Semi custom design and development
 - Modify standard product to meet customer requirements
 - Take customer's existing product and modify
- H/W design and development
- S/W, F/W design and development
- Work with customer to define requirements
 - Specification development
 - HW specification
 - FW specification
 - SW specification
- Schematic generation
- PCB layout



DESIGN SERVICES (cont.)

- System level design
- Complete documentation package
- Test plan generation
- Digital/Analog/IR/RF expertise
- Embedded circuit board design and development
- μ C/ μ P application development
 - 8/16/32 bit
- System housing/packaging
 - Prototype
 - Commercial
 - Oil field
- FCC/CE/UL testing assistance

DESIGN SERVICES (cont.)

- Hardware experience
 - Assorted μ P/ μ C experience
 - Freescale 8/16/32 bit
 - ✓ HC08/HC12/Coldfire – V1/2/3/4
 - ✓ MPC5xx/55xx/56xx
 - ✓ FLEXIS Family
 - ARM
 - TI
 - ✓ 320DM
 - Microchip – PIC
 - 8051 Families
 - Analog Devices
 - ✓ Blackfin

DESIGN SERVICES (cont.)

- Firmware/Software experience
 - Various development languages
 - C/C++
 - Assembly
 - VHDL
 - Visual BASIC
 - HTML/PHP/SQL
 - Embedded firmware application development
 - RTOS based applications
 - USB/serial applications
 - LCD/GUI/user interface applications
 - Video applications
 - PC Windows application development

MANUFACTURING SERVICES

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- Manufacture to customer developed prints
- Manufacture to internally developed prints
- Prototype/low volume/medium volume (less than 10,000)
- Circuit board assembly
- System/Box assembly
- Testing
 - Raw PCB testing
 - Assembled circuit board functional testing
 - System level testing
- Quality control
- Product labeling
- Order fulfillment
- Repair services







FACILITIES

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- Approximately 15,000 sq. ft. facility
- ESD control
- Fully equipped test capabilities
 - Test equipment
 - Oscilloscopes, multimeters, etc.
 - Logic analyzers
 - Spectrum analyzers
 - Automated test fixtures
- Complete solder/desolder capabilities for surface mount or through hole
- Climate controlled warehouse
- Two loading docks
- Ideal for small to medium scale production runs



BJ Services Company



Raytheon

HALLIBURTON



Let us assist with your next project

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Or

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THANK YOU