Future Designs, Inc.

Your Development Partner

Embedded Design and Development

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Company History

- FDI has a proud **21** year history
- Successfully designing and producing
  - Hundreds of products
  - For multiple customers
- With no Hand Holding
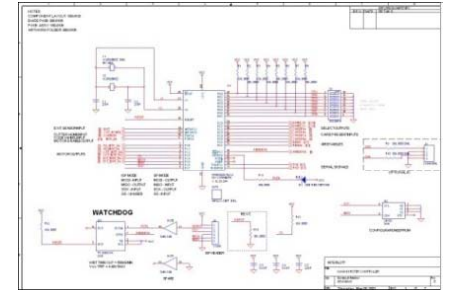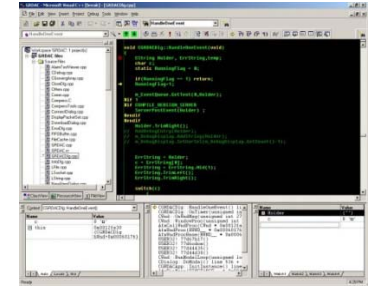- No Spoon Feeding
- Management Team > 100 yrs experience!

1989

FDI

Engineering Services

- Electrical, Mechanical, Software, Manufacturing and Systems Engineers
- Business and Product Marketing Professionals
- Average 17 years of design experience
- Proven 20 year history of teamwork at FDI
- Lifetime support for your product
- *A true technology and solutions provider*
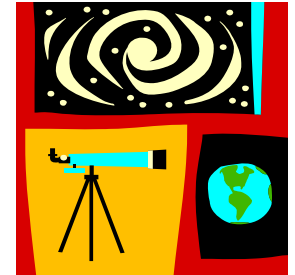
FDI

Software Capabilities

- Assembly, C and C++ for embedded apps
- FLASH downloaders and In-System Programming
- Multi-processor Systems and RTOS, Linux
- Network and TCP/IP drivers
- uEZ™ Open Source Rapid Development Platform
- Expert in User Interface development
- PC Application Software, device drivers, interrupt handlers, data collection
- LabVIEW (automated production testing)

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FDI

Example Designs

- 8 Port Gigabit Ethernet Switch
- SOHO VoIP/GigE Router
- USB 2.0 to GigE Converter
- PCI Express to GigE Notebook Adapter Card
- GPS card with GSM/GPRS for AVL
- ZigBee Compact Flash Adapter Card
- Secure, addressable VHF radio
- Disposable FM Tuner

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FDI Embedded Strategy

- Focused Design Effort on Embedded Micros
  - ARM9 Linux designs
  - ARM7 uEZ™ / FreeRTOS designs
  - Cortex-M3 designs for low power or cost

- Promote these areas via Partners
  - Arrow ACES and other distribution alliances
  - Silicon partners like NXP, Freescale, Renesas

- OTS Single Board Computers via distribution
  - Ten versions in stock at 5 different distributors
  - Custom design & packaging for embedded customers

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FDI Dev Tools

- FDI has been a Development Tool supplier for more than 10 years
- Microcontroller kits from 8 – 32 bits (8051 to ARM9)
- Completed dozens of ARM7, ARM9 and Cortex-M3 designs
- FDI Director is ex 12 year Semiconductor FAE, MCO Strategic Mkt
- Distribution agreements Digi-Key, Mouser, All American, LPC Tools
- Provided all of the Gigabit Ethernet Reference Designs for Agere
- ISP/ICP/IAP Flash programmers (USB-ICP)
- I2C experts, produced I2C support tools for over 10 yrs

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FDI

Manufacturing Capabilities

- Total Supply Chain Management
- Quick turn prototypes in-house
- Partnerships with multiple EMS providers
  - High volume production and specialty or niche products
  - The right match for your product requirements
- Full test support for FCT, ICT, VI, etc
- All product is 100% guaranteed
  - Hassle free with a Lower Total Cost of Ownership (TCO)

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FDI Strategic Alliances

ARM Connected Community

NXP Authorized Design Consultant

Freescale Design Alliance Partner

Renesas Gold Alliance Partner

ZeroG Wireless Partner

Arrow ACES Partner

Customer Partnerships

- **FDI serves as an extension of your Eng Team**
  - Specialized design capability
  - Extra resources, quick time to market
  - As much or as little help as you need
  - No cost when there is no new design activity
- **FDI tightly couples ENG and SCM**
  - Cleanly and cost effectively manage your Mfg requirements
  - Board level or box level, full turn key
- **Tell us how we can work together with you?**
  - Successful long term partnerships are key

FDI