Evatronix & CMP

An Introduction

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VP Sales & Marketing
Evatronix background
Products and solutions overview
Business models
OUR MISSION

Enable our customers with our IP know-how

- to shorten their SoC design time
- to get to market faster
- To expand their product’s life time
WHO ARE WE?

- Founded in 1991
  - Privately held
  - IP, EDA, CAD & Training

- IP division:
  - 50+ engineers
  - 500+ licenses
  - 400+ silicon proven designs

- 3-pod business model
  - IP cores
  - Design services
  - Obsolete parts replacement
THE EUROPEAN BASED GLOBAL COMPANY
PRODUCT PORTFOLIO

- **Processors**
  - 8, 16, 32 bit architectures
    - x51 series, Z80, 6502
    - 68k series
    - 80186 series
    - DSPs

- **Multimedia**
  - JPEG 2000 encoder
  - Video Controllers (HD, TV)
  - I2S, SPDIF

- **Interfaces**
  - USB 2.0, OTG & Hub
  - USB 3.0
  - Ethernet MACs

- **Communication**
  - HDLC
  - SDLC
  - I2C, SPI

- **Memory & Storage**
  - NAND flash
  - SDIO host
  - ATA/IDE host
Customer quote:

“.... and were highly impressed with the responsiveness, quality of work and professionalism of the company....”

Director of Procurement, Fujitsu Telecommunications Europe Ltd
8051 Series

- The fastest
  - 0.114 DMIPS/MHz,
  - 270 MHz in 90 nm

- The smallest
  - 3k gates

- The most used
  - 250+ designs in silicon

- The most configurable
  - Configurator spreadsheet
  - 7 pre-defined configurations
USB 2
- High speed
- Full speed
- OtG
- Certified
- Complete S/W stack

USB3 device
- Super speed
- Complete S/W stack
NandFlash
- Onfi 2.2 compliant
- Complete S/W and driver support
- 32 bit BCH
- Wear leveling
- System interfaces to
  - AMBA(TM) AHB
  - Flexbus
  - OPB/PLB
  - Avalon
  - Custom developments
Research and Education
- 90% off list (netlist)
- Prototyping quantities

Commercial usage
- 80% off list (netlist)
- 70% off list (source code)
- Prototyping quantities
FACTORS INFLUENCING IP SELECTION

**Technical**
- Performance
- Compliance
- Size
- Configurability
- Power
- Quality
- Software support
- Cost effective debugging
- Easy prototyping

**Business**
- Support quality and speed
- Track record of success
- Licensing flexibility
- Total Cost of Ownership
- Stable, long term partner
SUMMARY

- Experienced design team & outstanding support
- Silicon proven designs
- Complete HW/SW solutions
- Very broad customer range
- Reliable business partner
- Strong links into the Research community
- Very affordable CMP partner conditions
Thank You

www.evatronix-ip.com