



AIZYC[™]
Technology

A TEAM FOR ALL REASONS

Aizyc Technology (Pronounced "A-zic") is a silicon and systems solution Company based out of Hyderabad, India offering low cost, reliable and multi-approach (Custom SoC, FPGA & System Design) solutions to electronic product companies

The Aizyc team has proven concept to customer product development experience in the consumer electronics, networking, system interconnect domain. Focused on providing top quality ODM solutions, Aizyc also provides a spectrum of services including ASIC/FPGA design, Systems Design/Manufacturing and Software / Firmware development.

*Partial List of Design Experience & Projects executed

First Pass Silicon Experience

USB2.0 to Ethernet
 USB2.0 to UART/Parallel/IrDA
 PCI to UART / Parallel / PCI
 PCIE to I/O + USB Host
 ARM9 USB Network Processor*
 USB2.0 to USB2.0 Link

*11million gates design, 130nm

Complete Out of The Box Solutions*

* including software, firmware and certification
 GPS & GPRS based tracking and real time advertisement system for public transport
 PCIe to USB based laptop docking system
 Wireless USB2.0 hub over 802.11g
 I/O over IP Network box

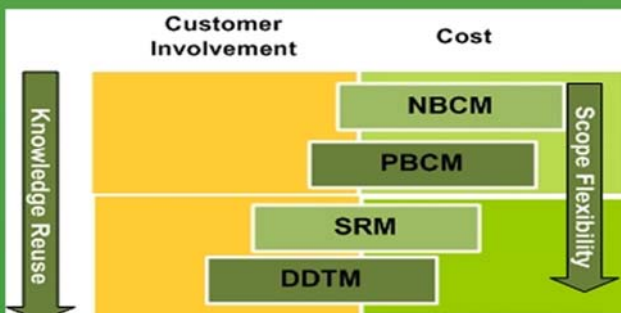
Silicon Reference Designs

SOHO Network Box
 USB2.0 to Ethernet Dongle
 Serial Parallel Connectivity Dongles
 IP Surveillance Box
 ARM9 SoC based digital signage system

FPGA Prototypes

Cyclone II Based USB to IrDA ASIC emulation board
 Virtex 4 LX200 FPGA and ARM9 Core tile based SoC emulation system (with USB2.0, DDRII)
 Vertex 4 based SoC emulation system for Network security processor

Engagement Models



Semiconductor	ASIC SoC Design & consulting	
	Verification	Silicon Validation
System Design	Product Prototyping	Board Design/ PCB Layout
	FPGA Prototyping	Firmware / Software

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