

## Xbox 360™ CPU Chip Overview

- 3-Way Symmetric Multi-Processor
  - IBM PowerPC Architecture®
  - Specialized Function VMX
  - 3.2GHz
- Shared 1 MByte L2
- Front Side Bus / PHY – 21.6 GB/sec
- Phase Locked Loops
  - 2 (if,hf) for core clocks
  - 2 (if,hf) for PHY clock
- Test/control functions
- Debug / Trace / performance monitor
- Manufacturing fuses
  - redundancy, voltage, ...
- MISC IO
  - JTAG, POST, VID, SPI
- 165 M Transistors
- IBM CMOS 10KE – 90nm SOI

