



INDUSTRY FORECAST

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Five Industry Trends for 2005



- **“SoCs” on Steroids**
 - Multiple processors/die
 - Increased software content
 - **Speed Limit = 65?**
 - 65nm scaling challenges
 - Time-dependent dielectric breakdown, masks, yield, power
 - **Try a SiP**
 - Time-to-market accelerator
 - Cost-sensitive approach to SoCs (NRE trade-off)
 - **Next generation of customer relationships**
 - Moving beyond tools and subscription models
 - Value based engagements
 - **Manufacturing aware design**
 - Virtual IDMs
 - X Architecture
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