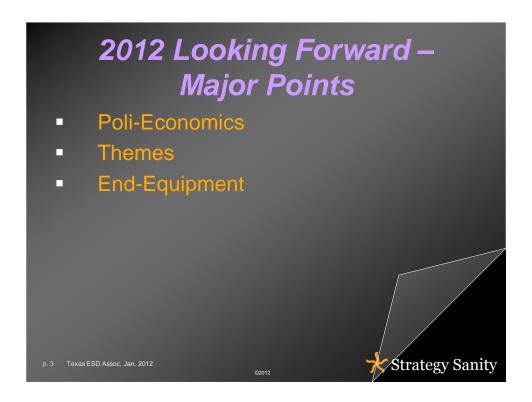


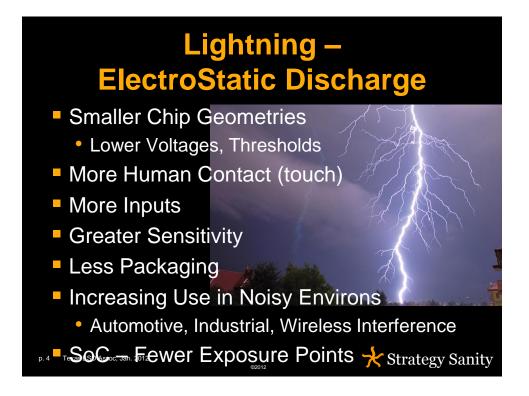
I Talk, You Think

- I 30,000 Foot
- O Open to Questions, Discussion
- U How Does This Affect What I Do?

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Economic Haze – Global Cloud Cover

Depressed Global Economy will Continue to Suppress any Growth in Electronics

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The 3rd World – A New World Order

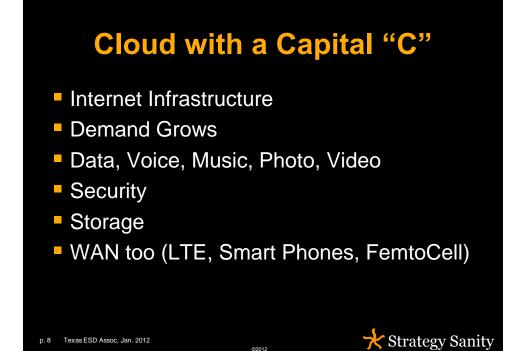
- China
- BRICS, SE Asia, S Am...
- Manufacturing to lowest cost region
- Sales to untapped regions, no history, new tech
- Intellectual Property (IP) risk, more

BRICS=Brazil, Russia, India, China, and South Africa

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Rain Turns It Green

- All Products
- Improve Efficiency
- Longer Battery Life
- Power Management
 - Voltage, Frequency,
 - Domains
 - Demands
- Software

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Lower –

- Use
- Voltage, Power Consumption
- Heat Generation, Cooling Costs

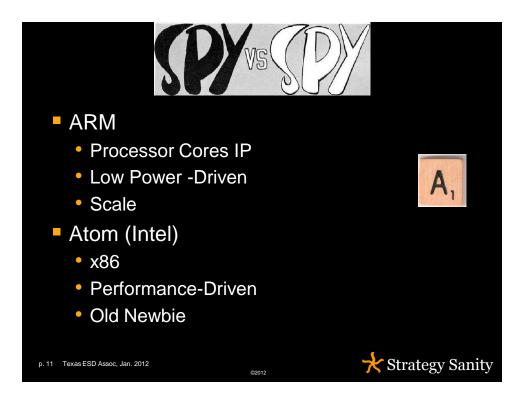
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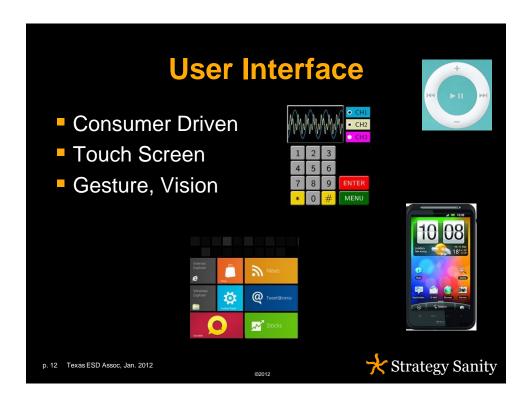
Smart Phones – The Ayes Have It

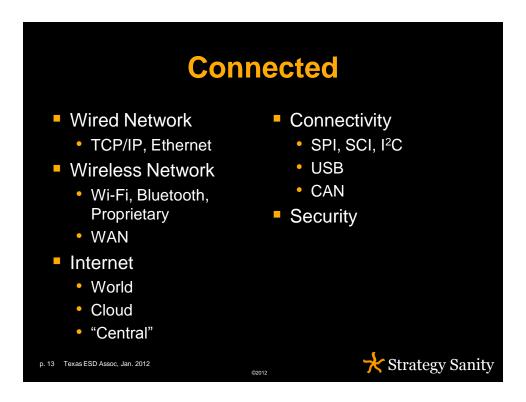
- Apple
 - Job-less
 - iPod, iPhone, iPad, TV?
- Android Just Desserts
 - For the Rest of Us
 - Open, Network, Transaction
 - For Embedded General? Real-Time?

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Get Smart



- Smart Phones
- Smart Grid
- Smart Home
- Smart TV
- Smart Car



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Smart Grid

- Sounds Great! Benefit?
- Slow Moving, Expensive
- Alternative Energy Sources
- Point Sources, Storage
- Population Growing
- Developed World vs. 3rd



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3-D TV – Thunder or Thud?

- 3-D TV More Thud than Thunder
 - · Glasses, Content, Cost, Why
- Set Top Box (STB)
- Smart TV
- OLED, Bigger, Thinner, \$\$\$



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The Dizzying Pipe

- Triple-play Services
- Cable, Phone Company, Satellite, Wi-X (Fi, Di, Max...), Cellular
- Content, Control, Privacy, Cost
- WebTV, NetFlix, Google TV, Games
- iTunes model, Apps
- Set-Top Box (STB) or Integrated

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Half Fast

- Some people see the glass as half empty. Some see the glass as half full.
- Neil Armstrong, who had to deal with the logic and methodology of scientists and engineers in preparation for his flight to and walk on the moon, reportedly said:

"An engineer would just see the glass as being twice as big as it needs to be."

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Medical Electronics

- Personal Medical Electronics
- Dr. Internet
- Internet Services
- Monitoring Seniors, Babies
- Privacy

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Multi-Core Processors

- Homogeneous
- Many-Core
- Heterogeneous
- Hierarchial
- Virtualization
- Distributed Intelligence

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Microsoft

- Same Ole Same Ole; Wintel
- Windows 8 Major?
- Metro Look, Constraints
- CPM → DOS, Mac → Windows, Phone → Metro
- Add ARM Support
- Windows Mobile, yet again

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Sensors

- Rapid Rise
- More Sensitive
- Analog, Pressure, Temperature,
 Capacitance, Acceleration, Motion,
 Magnetic, Gravity, (GPS)
- Intelligence at Sensor

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Exo-System

- Unique Front End
- Intelligent Device
 - PC, Smart Phone, Tablet ...
 - Human-Machine Interface
 - Apps
- Cloud
 - Services, Revenue Stream
 - Connectivity, Carriers

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- + BlackBox, Standard, Exists, Remote,
- Dependent,
 Configuration,
 Connected,
 Diversity







- Strategy Sanity consults with clients to:
 - Optimize your Business Strategies
 - Analyze your Market Positioning
 - Research Markets
 - Perform Marketing Services
 - -Especially useful when resources are limited
- The Embedded Processor Analyst
 - Highly-respected
 - Three decades of relevant industry experience

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Significant Strengths

- Tech-savvy
- Embedded processor application markets
- Extensive marketing experience
- Engineering background
- Widespread contacts
- Insightful, creative
- Highly-regarded, independent, personal

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