



eSilicon[®]

eSilicon – The Value Chain Producer

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Agenda



- eSilicon Overview
- Market Trends
- Avago Technologies SerDes Partnership
- Summary



About eSilicon



- Pioneer of a new model for developing custom chips
 - Semiconductor Value Chain Producer
- Riding the wave of industry outsourcing trend
- Serving the growing ASIC and FSC markets
- Established leader for complex designs at 65nm and below
 - Growing & profitable
 - Production revenue from more than 50 customers
- Chip delivery using global, optimized value chain
 - Flexible design, productization & manufacturing services
 - Expert design & manufacturing team
 - Leverages strength of manufacturing partners
 - TSMC, SPIL, Amkor, Kyocera, ISE, etc.



Business Momentum



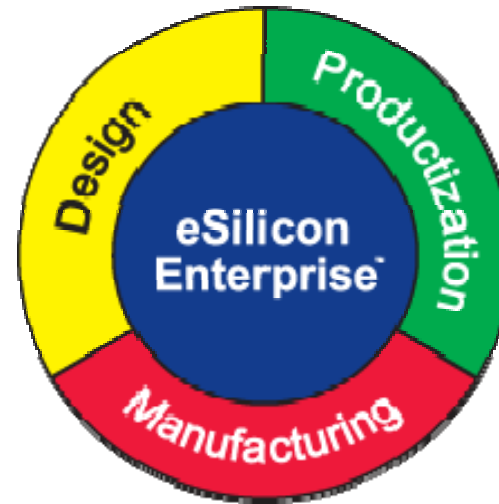
- >100 design wins at over 60 customers
 - \$1.2B estimated lifetime revenue value
- 98% first time silicon success rate
- More than 40 designs released to manufacturing
- More than 40,000,000 units shipped
- Adding revenue from 20+ new products every year



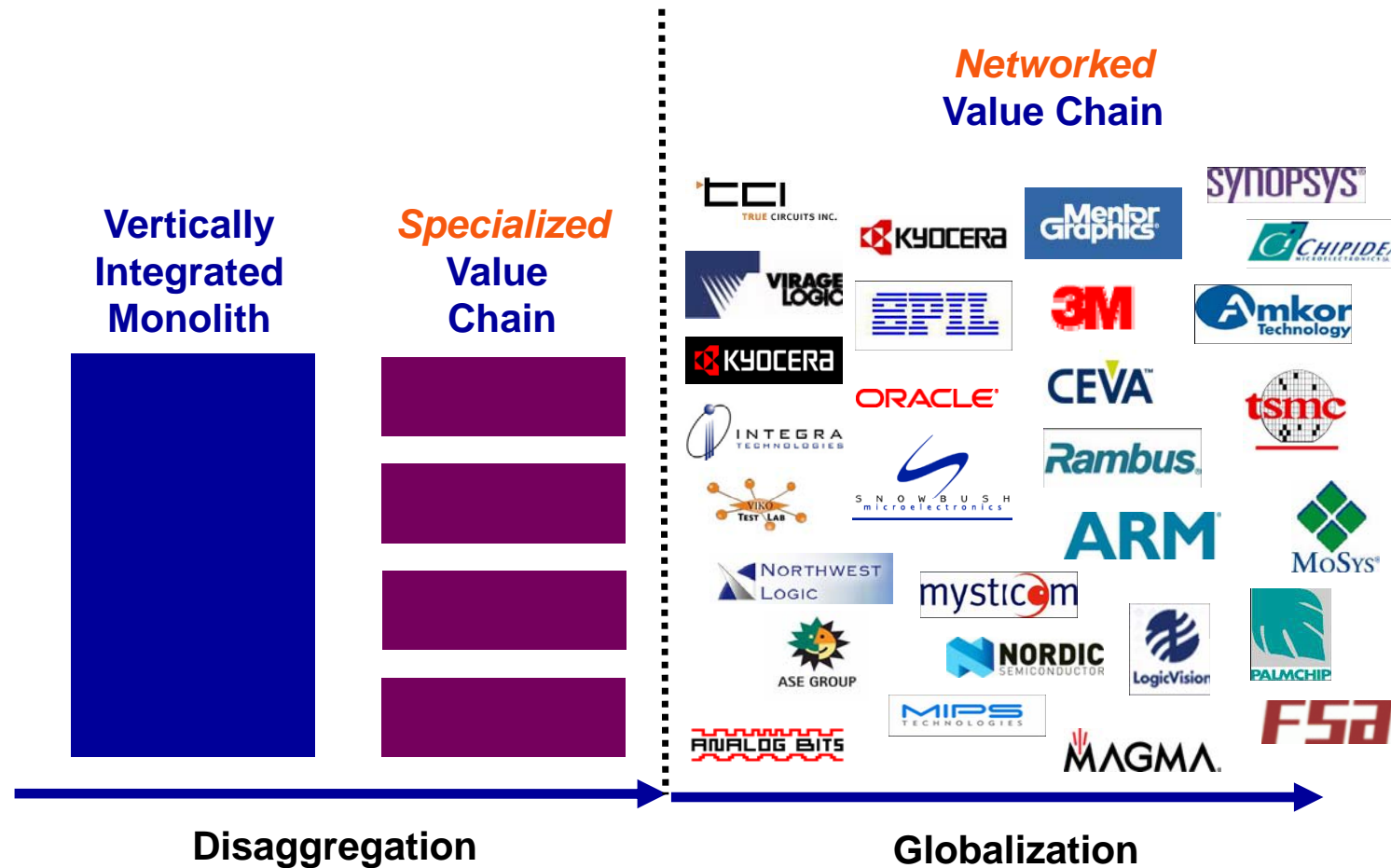
eSilicon: The Pioneering Value Chain Producer (VCP)



- A comprehensive suite of services
 - Design, productization, & manufacturing
- Deep domain skills
- Long-standing value chain relationships
- Integrated with patented infrastructure
 - eSilicon Enterprise™
- Produce an optimized value chain for every design
 - Flexible
 - Low-Cost
 - Low-Risk



The March Towards Disaggregation



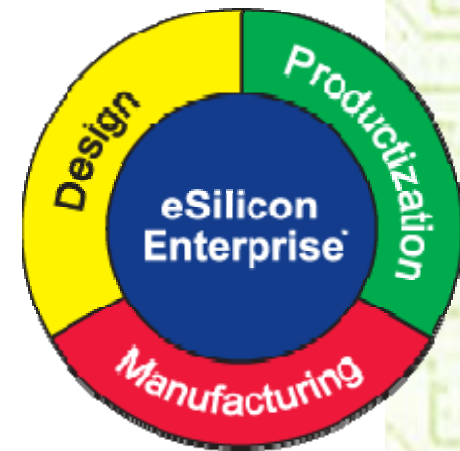
Avago Strategic Partnership



- Best-in-class high-speed SerDes cores from



- ...expands eSilicon's comprehensive IP portfolio
- Combined with eSilicon's flexible design, productization & manufacturing services
 - Expert design & manufacturing team (100+)



Benefits to Our Customers



- **Best-in-Class SerDes Technology:** Previously only available from traditional ASIC companies
 - 6th generation technology
 - Over 45M embedded SerDes shipped
- **Low Risk:** World-class reliability
 - Exceptional signal integrity and jitter performance with DFE technology
 - Less than 10-17 BER for high-speed chip-to-chip and backplane applications
- **Low Product Cost:** High channel count using low-power and slim SerDes design
- **Maximum Integration and Flexibility:** Support for 10G Ethernet, 10G Fibre Channel and 5G PCI-Express



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Summary



eSilicon provides a flexible, low-cost, low-risk path to volume chip production

- Pioneering Semiconductor Value Chain Producer
- Comprehensive suite of design, productization & manufacturing services
- eSilicon Enterprise enables optimized value chain development for each design

Enabling our customers to focus on their core competency



Thank you!



- Explore eSilicon's IP portfolio at: www.chipestimate.com/vendorlist.php?v=299
- Use eSilicon's IP portfolio to plan your next chip!
- To find out more about eSilicon, go to: www.esilicon.com
- Please stay and talk with eSilicon's Hugh Durdan - Vice President, Marketing.

