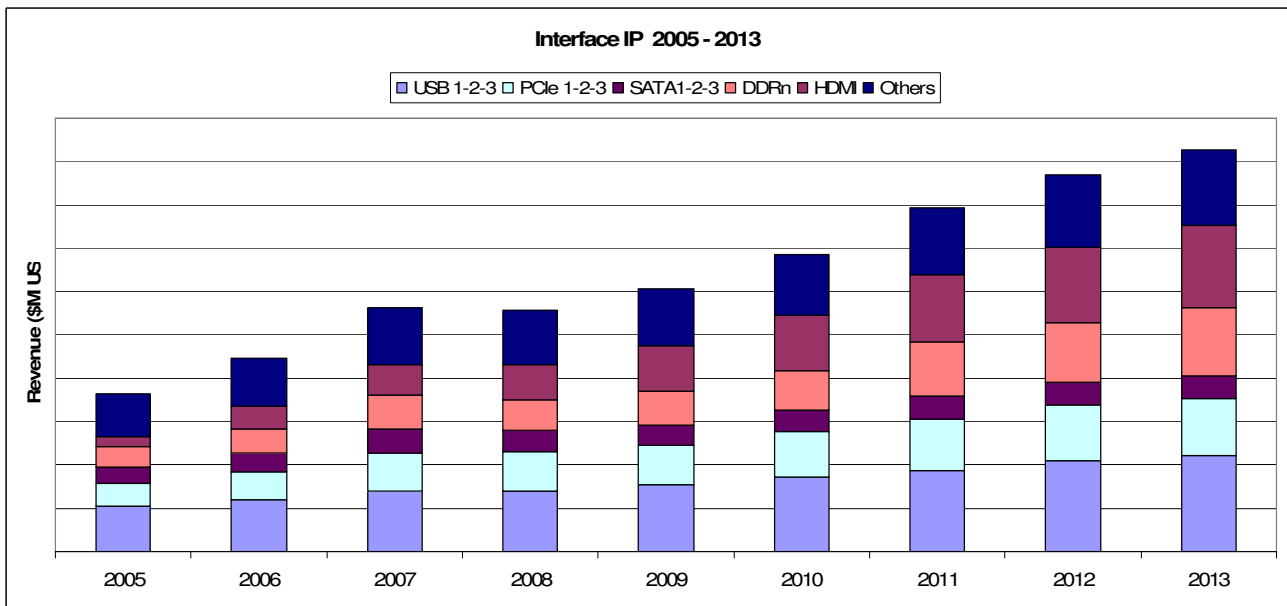


10 years growth for Wired Interconnect IP

2004-2008 Market Analysis - 2009-2013 Forecast



Summary

- INTRODUCTION 3
 - Quick overview of the existing protocols 3
 - Universal Serial Bus (USB) 3
 - PCI-Express (PCIe) 3
 - Serial ATA (SATA) 3
 - Fibre Channel (FC) 4
 - High Definition Multimedia Interface (HDMI) 4
 - Memory Interfaces DDR 2/3 4
 - Ethernet Related Standards 4
 - Infiniband (IBA) 4
 - Serial RapidIO (sRIO) 4
 - Hyper Transport (HT) 5
 - Display Port (DP) 5
 - MIPI 5
 - Define the right methodology... in a depressed economy 5
 - Methodology bits 5
 - IP market is different from EDA and SC! 5
 - Business model based on upfront license fee suffer less 6
 - Which design starts are sacrificed in depressed economy? 6
 - From the well established to the most uncertain 6
- IP Market Analysis 7

Universal Serial Bus.....	7
Introduction.....	7
USB 2.0 Results 2003-2008.....	7
Main competitors.....	7
USB 3.0 Forecast 2009-2013.....	8
Going further in vertical integration.....	8
USB consolidated market Forecast 2009-2013.....	9
Summary.....	9
PCI Express.....	10
Introduction.....	10
PCIe Results 2004-2008.....	10
Main competitors.....	11
Roadmap PCIe.....	11
PCI Express Forecast 2009-2013.....	11
Summary.....	12
Serial ATA.....	13
Introduction.....	13
SATA Results 2004-2008.....	13
Main competitors.....	13
Roadmap SATA.....	14
SATA Forecast 2009-2013.....	14
Summary.....	14
DDRn Memory Interface.....	15
Introduction.....	15
DDR Results 2004-2008.....	15
Main competitors.....	15
Roadmap DDR.....	16
DDR Forecast 2009-2013.....	16
Summary.....	17
High Definition Media Interface.....	18
Introduction.....	18
HDMI Results 2005-2008.....	18
Main competitors.....	19
Roadmap HDMI.....	19
HDMI Forecast 2009-2013.....	19
Summary.....	20
Top 5 Interface IP evolution 2005-2008.....	20
Top 5 Interface IP 2009-2013.....	20
Display Ports.....	21
Introduction.....	21
DP: Interoperability.....	21
Potential IP vendors.....	22
DP Optimistic Forecast 2009-2013.....	22
DP Most Likely Forecast 2009-2013.....	22
Summary.....	22
Others Wired Interconnect.....	23
Introduction.....	23
“Others Wired Interconnect” Forecast 2009-2013.....	23
Wired Interconnect Consolidated Forecast 2009-2013.....	24
Wired Interconnect Forecast 2005-2013.....	24
IP vendors positioning 2008.....	24
IP vendor tentative ranking 2013.....	25
CONCLUSION.....	25
Recommended Reading.....	25