

Agenda

◆ Introduction

- Market trend and application
 - 1394 Market Analysis Data
 - 1394 and industry
 - Applications

- 1394 Operation
- Bus Management
- Cable and Connection
- Architecture
- Topology

◆ Technology

- What is 1394?
- Why 1394?
- Applications
- 1394 Protocol
- PHY
- Link Layer
- Transaction Layer

◆ Other Technologies

- USB
- DVI

◆ 1394 In Home Networking

◆ Xilinx Value

◆ Alliances

◆ Summary

IEEE 1394 Trade Association

- ◆ Was founded in 1994
- ◆ Supports the development of electronics systems which can be connected with each other via a single serial multimedia link
- ◆ Comprised of more than 170 member companies
 - Sony, Intel, Microsoft, JVC, IBM, Matsushita, Compaq, NEC, Philips, Samsung, and
- ◆ Is incorporated as a nonprofit trade organization

HAVi

(Home Audio Video interface)

- ◆ Is a none profit association of leading consumer electronics, software, semiconductor, and computer manufacturers
- ◆ The goal is to promote a network architecture for Home Audio/Video Interoperability
- ◆ Was founded by
 - Grundig AG, Hitachi, Matsushita (Panasonic), Philips, Sharp Sony, Thomson, Toshiba
- ◆ Xilinx is a participant member of HAVi