Agenda

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 - Applications
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1394 In Your Home

- Digital broadcasting, the Internet, digitalization of modern homes, entertainment & video appliances are driving demand for 1394-based products
- Supports data transfer rates @ 100, 200, 400 Mbps
- 1394 benefits
 - No need for terminators, device IDs, or elaborate setup
 - 1394 is Hot pluggable
 - 1394 has scaleable architecture
 - May mix 100, 200, and 400 Mbps devices on a bus
 - 1394 has flexible topology
 - Support of daisy chaining and branching without CPU





Summary

- Various 1394-based products are being developed
 - Residential gateways: DSL, cable, satellite modem
 - Technology bridges: Ethernet-to-1394, 1394-to-HomePNA, 1394-to-wireless LANs
 - 1394 enabled information appliances: digital TV, DVD player, Internet screen phones, PCs, printers, etc.
- Spartan-II FPGAs, CoolRunner & 9500 CPLDs provide system interconnectivity in 1394/Firewire based products



