Abstract

In this paper the impact of width variation is being addressed on transition time, power dissipation and crosstalk noise in coupled inductive lines for different switching patterns. The finding of simulation reveals that there is first decrease in transition delay and then it increases afterwards. It is also observed that power increases slowly with width increasing and also
observed the crosstalk noise at the victim line for the increase in width.

Reference

Impact of Width Variation of Global Inductive VLSI Interconnect Line

**Index Terms**

Computer Science  
Information

**Key words**

Power Dissipation  
Inductive VLSI Interconnect Line

Signal Skew