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High-Speed Layout Guidelines 1.3.1 Signal Speed and Propagation Delay Time A signal cannot pass through a trace with infinite speed. The maximum speed is the speed of light with  $3 \times 10^8$  m/s. For a certain trace length, the signal needs a certain time to pass it, and this is called the propagation delay time.

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447 pages, hardback Considered the original "bible" of high-speed design issues, High-Speed Digital Design focuses on a combination of digital and analog circuit theory. This comprehensive volume helps engineers who work with digital systems shorten their product development cycles and fix their latest high-speed design problems.



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