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Nota di contenuto	Signal integrity is in your future -- Time and frequency domains -- Impedance and electrical models -- The physical basis of resistance -- The physical basis of capacitance -- The physical basis of inductance -- The physical basis of transmission lines -- Transmission lines and reflections -- Lossy lines, rise-time degradation, and material properties -- Cross talk in transmission lines -- Differential pairs and differential impedance -- S-parameters for signal integrity applications -- The power distribution network (PDN)