















































Exercise

An interconnect line is made from a material that has a resistivity of $\rho=4~\mu\Omega$ -cm. The interconnect is 1200 Å thick, where 1 Angstrom (Å) is $10^{-10}\,m$. The line has a width of 0.6 μm .

- a) Calculate the sheet resistance R_{\square} of the line.
- b) Find the line resistance for a line that is 125 µm long.

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Interconnect delay
■ Delay metrics, rc delay, Elmore delay

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