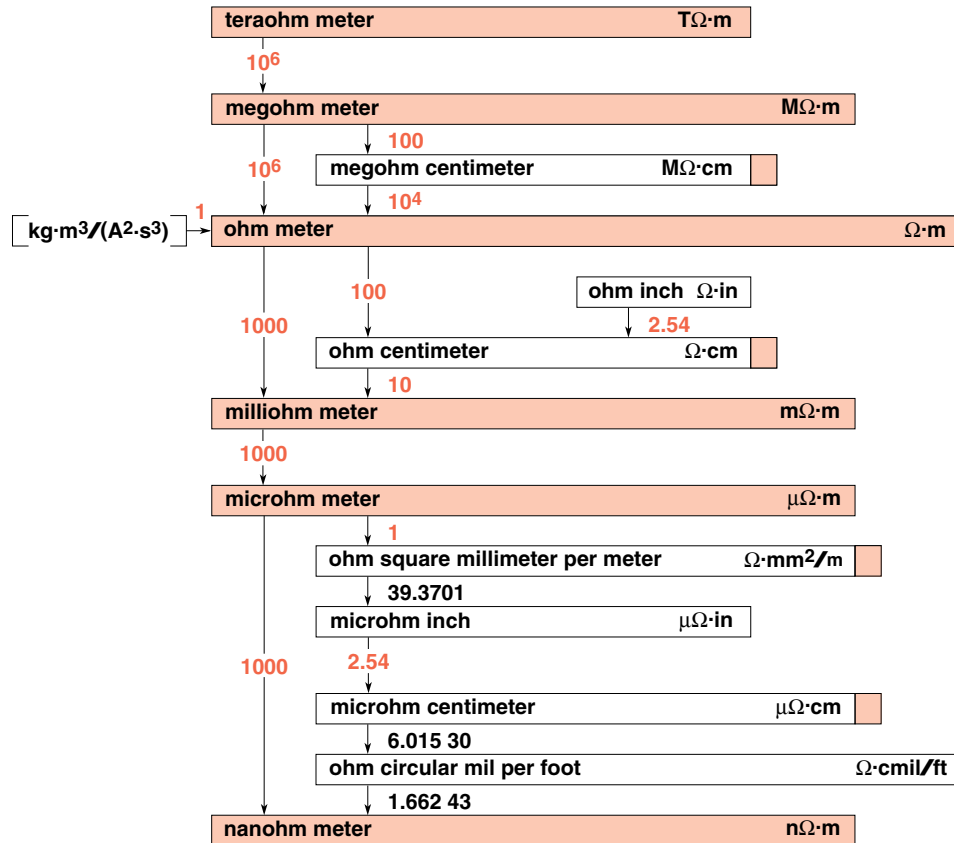


# VISUALIZING SI UNITS

## ELECTRICITY

### RESISTIVITY ( $\rho$ )



**Example:** Convert 60 ohm circular mil per foot to ohm centimeter

**Solution:**  $60 \Omega\text{cmil/ft} = 60 (\times 1.66243) (\div 1000) (\div 1000) (\div 10) = 9.97458 \times 10^{-6} \Omega\cdot\text{cm}$