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Fabrication Solution

$g / cm^3 = 6.02 \times 10^{23} \times 28.09 \text{ g} / 10^6 \text{ cm}^3 = 2.33 \text{ g} / cm^3$

$1.3 \times 10^{18} \text{ cm}^{-3} = 0.8 \text{ for boron in silicon}$

$M / M_0 = 0.5$  The

density of Si is  $2.33 \text{ g} / cm^3$ . The acceptor

concentration for  $n = 0.01 \text{ cm}^{-3}$  is

$9 \times 10^{18} \text{ cm}^{-3}$ . The doping concentration

CS is given by.

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semiconductor devices, typically the  
metal–oxide–semiconductor (MOS)  
devices used in the integrated circuit (IC)  
chips that are present in everyday

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Pierret, Semiconductor Device

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