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Solution

$g / cm^3$   $6.02 \times 10^{23}$   $28.09$   $5 \times 10^{17}$   $1 / 6.02 \times 10^{23} \times 28.09 \times 5 \times 10^{17} = 2.33$   $n M$   $? =$

$2.33 g / cm^3$ .  $1.3 \times 10^{18}$   $k_0 = 0.8$  for boron in silicon  $M / M_0 = 0.5$

The density of Si is  $2.33 g / cm^3$ . The acceptor concentration

for  $? = 0.01 ?-cm$  is  $9 \times 10^{18} cm^{-3}$ . The doping concentration

CS is given by.

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