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$N_d = v_d = 2.4 \times 10^8 \text{ cm} / \text{s}$

Then  $1 \times 2 \times 10^{-31} \times 2.4 \times 10^8 \text{ E} = m_n$

$v_d = (1.08) \times 9.11 \times 10^{-31} \times 2 \times 10^8 \text{ or } 4 \times 10^8$

introduction to semiconductor

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DUCTION Electronic devices such as

diodes, transistors, and integrated

circuits are made of a

semiconductive material. To under-

stand how these devices work, you

should have a basic knowledge of

the structure of atoms and the

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interaction of atomic particles. | S  
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