

Modern Electronics



Name Class Date A material having extremely low Donor materials are added to semiconductors so that the conductivity would be classified as number of available electrons will A a conductor A decrease B a semiconduc increase c an insulator c remain the same a metalloid 3 Magnetic-card door locks utilize many The Band Model has replaced the Electron-sea Model of conduction electronic components on one small piece because the Electron-sea Model of semiconductor material. This 5 **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet 7 valence band will A electron-cloud model A decrease B electron-sea model **B** increase C band model C remain the same D doping mode 9 As a donor material, arsenic provide a working transistor circuit a semiconducting material with extra emitter-base current is increased, the collector current A electrons A decreases a small amount **B** holes **C** protons B decreases a large amount **D** neutrons C increases a small amount D increases a large amount



Modern Electronics



Class_ Name A material having extremely low Donor materials are added to semiconductors so that the conductivity would be classified as number of available electrons will A a conductor A decrease C B a semiconduc increase C an insulator c remain the same a metalloid 3 Magnetic-card door locks utilize many The Band Model has replaced the Electron-sea Model of conduction electronic components on one small piece because the Electron-sea Model of semiconductor material. This 5 **PREVIEW** Please Sign In or Sign Up to download the printable version of this worksheet valence band will A electron-cloud model A decrease C B B electron-sea model **B** increase C band model C remain the sam D doping mode 9 As a donor material, arsenic provide a working transistor circuit a semiconducting material with extra emitter-base current is increased, the collector current A electrons A decreases a small amount **B** holes B decreases a large amount C protons **D** neutrons C increases a small amount D increases a large amount