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Modern Semiconductor Devices for Integrated Circuits Chapter 4. PN and Metal-Semiconductor Junctions AlG aAs window layer on G aAs passivates the surface states and thereby increases the photogeneration efficiency A heterojunction solar cell between two different bandgap semiconductors (G aAs and AlG aAs) (a) n p AlG aAs G aAs 2 eV E c E v E c E v (b) 1.4 eV

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