

fundamentals of electronic circuit design - © 2005 hongshen ma 5 fundamentals of electronic circuit design outline part i "fundamental principles 1 the basics 1.1 voltage and current 1.2 resistance and power

cell-phone circuit architecture - college of engineering - 1-1 historical timeline 3 devices that do not require an external power source in order to operate as passive devices; these include resistors, capacitors, and inductors. in contrast, an active device (such as a transistor or an ic) cannot function without a power source.

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