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Whatever the load is that is connected to the power supply. The rectified DC value is the peak value of the AC voltage from the transformer minus two diode drops. This is because there are two diodes in total between the return path to the transformer. Figure 10. Simple Power Supply With Bridge Rectifier. The Schemat Apr 9th, 2024

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V S S V Where  $\omega_{p1}$  And  $\omega_{p2}$  Are The Pole Frequency Locations (in Radians/second) In Terms Of R<sub>i</sub> And C. 6. Design (find Component Values) A Passive Second-order Low Pass Filter Such As The One Shown In Fig. 3. Determine R<sub>1</sub> And R<sub>2</sub> For C = 47nF Such That The First Pole Is At 1,700 Hz And The Second Pole Is At 35 Hz. Apr 14th, 2024

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- **Author:** Sandip Das, Walter Thain, Sheila Hill

- **Publish Year:** 2019

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