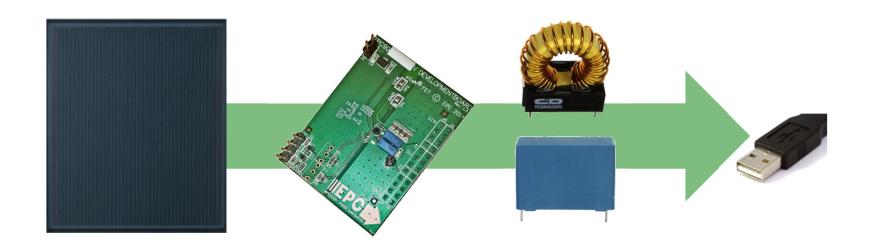
Announcements

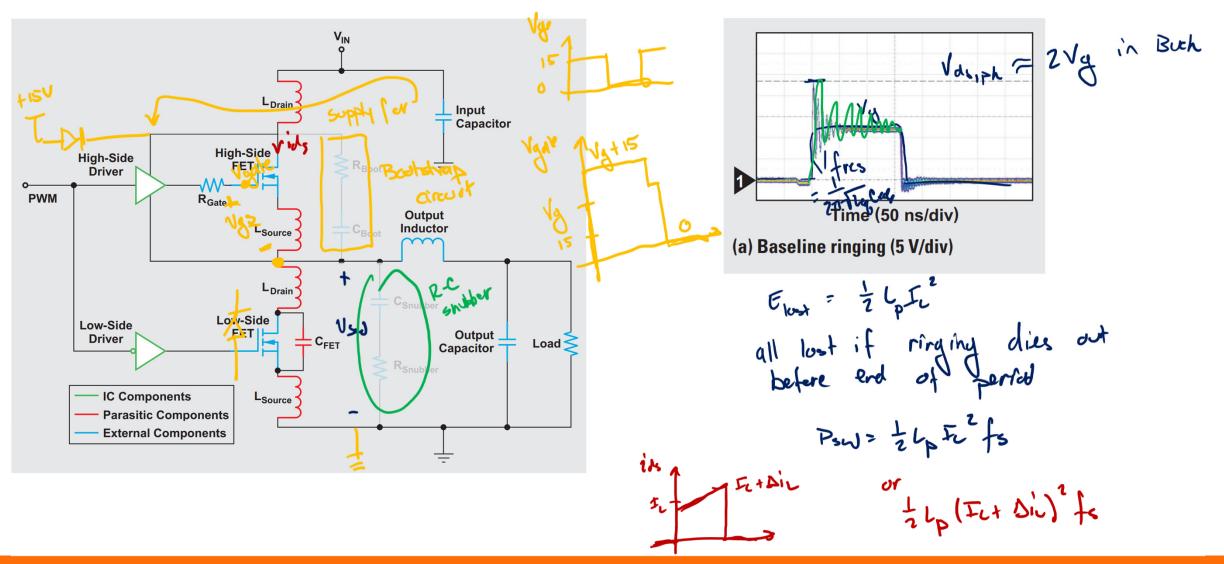
- Experiment 1 assigned
 - Model PV panel for future converter design/analysis
 - Self-assign lab groups of 3 in canvas this week
 - Complete experiment next week 9/23-9/27
 - Report due 10/4



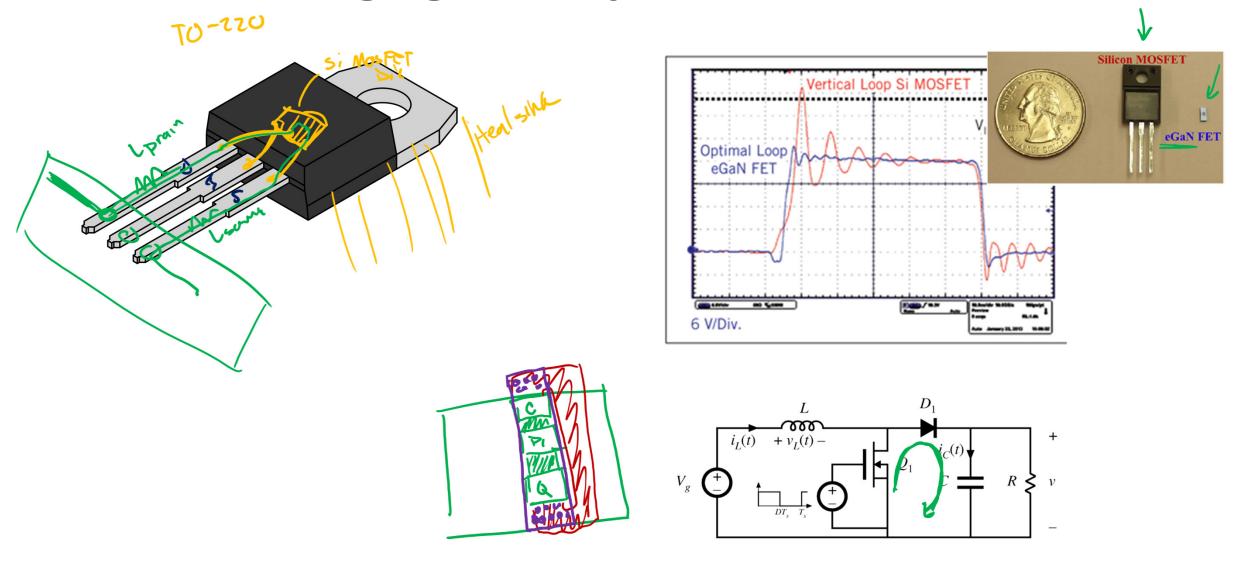
Lab Time

- Experiments performed in MK225
- E-mail Elizabeth Sutton (<u>esutton4@utk.edu</u>) to schedule
 - MTWF: 10 am 2 pm
 - R: 12 pm 4 pm
 - One e-mail per group
- Read through lab and plan your procedure in advance

Experimental Switching Waveforms



Device Packaging and Layout



The Double Pulse Test

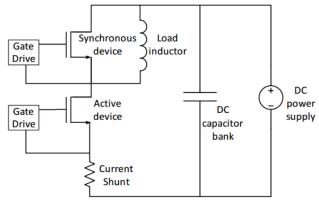


Fig. 7. Double pulse test circuit schematic.

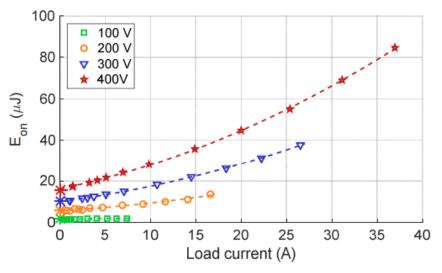
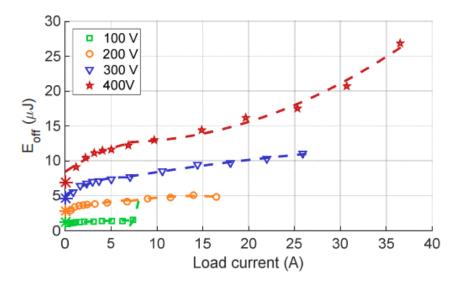
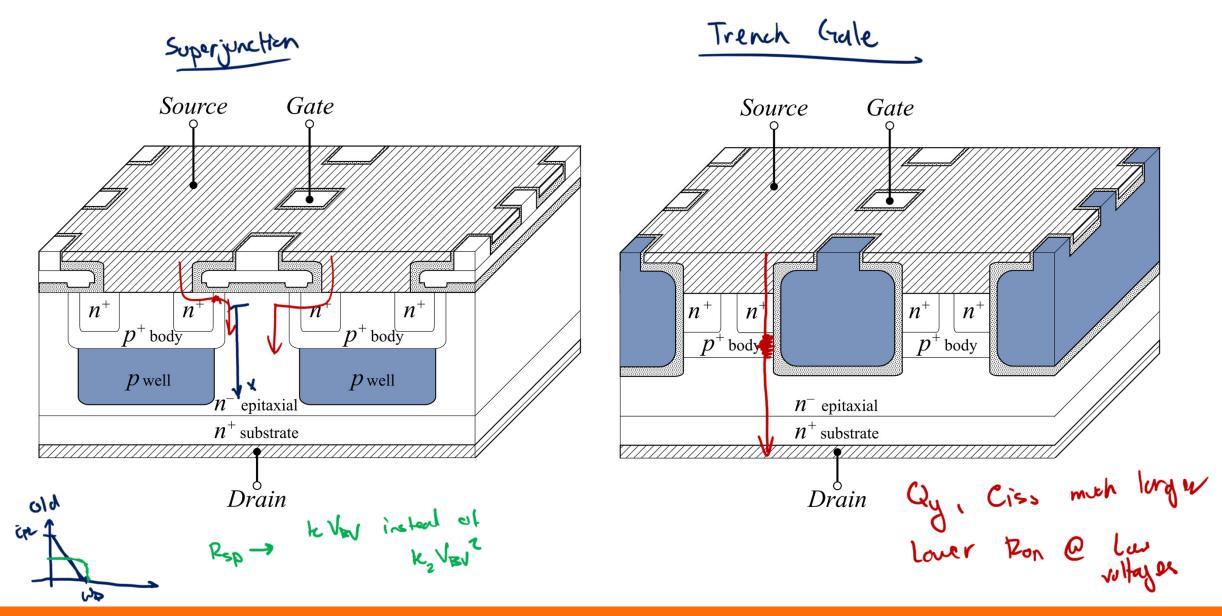


Fig. 16. Turn-on energy Eon at 25 °C.



Other Device Structures



Wide Bandgap Materials

