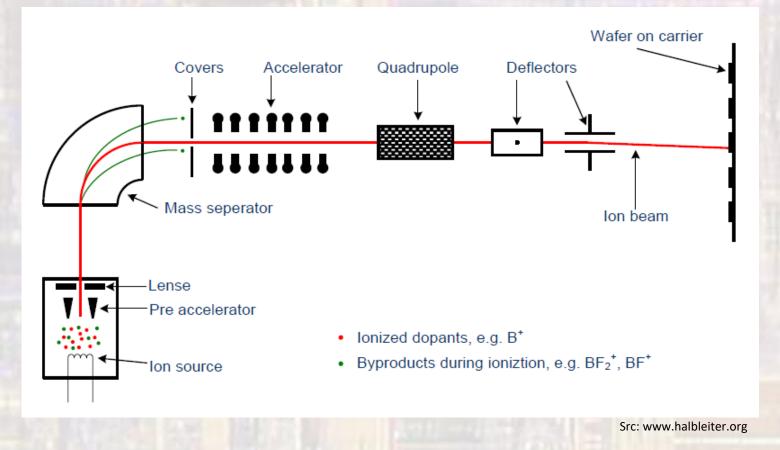
Last updated 3/7/19

- Ion Implantation
 - Charged dopants (ions) are accelerated in an electric field and irradiated onto the wafer
 - Penetration is well controlled by modulating the electric field
 - Minimal lateral movement
 - Low temperature process
 - Does not disturb prior work
 - Causes lattice damage
 - Can be annealed with later temperature processing

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Ion Implantation



3

Ion Implantation vs. Diffusion

