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Each book has its strength, and Plummer's book stands out in terms of its broad, in-depth coverage of modern silicon CMOS technology. It doesn't cover MEMS or other exotic nanofabrication. Many students who've read the book said that Chap 2, where a modern CMOS process flow is described step by step from the substrate to back-end, was the best ...

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The SiO2 is etched and an arsenic implant forms the N+ regions. SILICON VLSI TECHNOLOGY Fundamentals, Practice and Modeling By Plummer, Deal and Griffin 30 © 2000 by Prentice Hall Upper Saddle River, NJ. fSolutions Manual N+ N+ P P+ P+ N N+ P P The N+ regions are driven-in to their final junction depth.

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S G D S G D N P N N P N P WELL P+

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