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Semiconductor Device Physics and Design UMESH K. MISHRA University of California, Santa Barbara, CA, USA and JASPRIT SINGH The University of Michigan, Ann Arbor, MI, USA

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Semiconductor manufacturing process; 1. Semiconductor manufacturing process. A semiconductor chip is an electric circuit with many components such as transistors and wiring formed on a semiconductor wafer. An electronic device comprising numerous these components is called "integrated circuit (IC)". The layout of the components is patterned on a photomask (reticle) by computer and ...

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