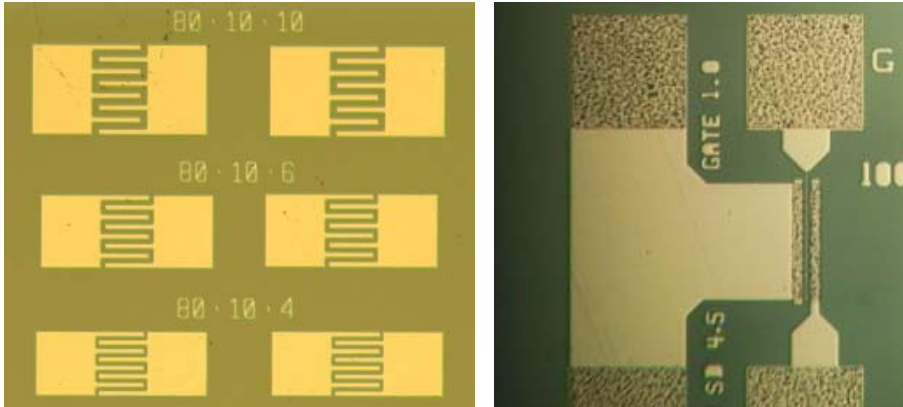
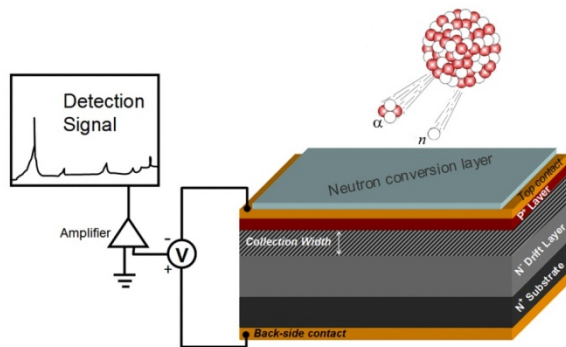


Wide-bandgap Tunable RF and Detection Devices

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Integration of complex oxide interdigitated capacitors and GaN/AIGaN HEMT



Tunable RF Devices: Integrating capacitively-tunable complex oxide materials and nitride-based electronic devices on the same chip for reduced package size, improved performance, and longer operation time in applications such as steerable radar arrays.

Neutron Detectors: SiC detectors are being used to reduce noise at elevated operating temperatures to fabricate devices with zero cooling requirements.