ECE 510 RFIC Design Basic Knowledge Template The 6 topics below are typical of what I would ask in a technical interview to explore basic knowledge of Radio Frequency Integrated Circuits.
Draw a schematic of a basic RFIC including at least one transistor, resistor, capacitor, and inductor that you could simulate in LTSpice, showing typical values that you would use in an RFIC process. Include bond wire inductance.
Sketch an approximate die layout for the circuit in the schematic above, showing bond pads and dimensions for the resistors, capacitors, inductors, and transistors.



