

EEC 134 Quarter 2 Project Guidelines

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In Lab 3, we will start putting multiple RF components together on a single PCB to prepare you for your Quarter 2 design. In particular, you will design a simple transmitter PCB according to Fig.

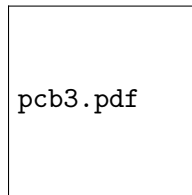


Figure 1: System block diagram for PCB 3.

The main components that you will use are

1. VCO: Maxim MAX2750
2. Attenuator: Analog Devices HMC653LP2E
3. Amplifier: Analog Devices ADL5611