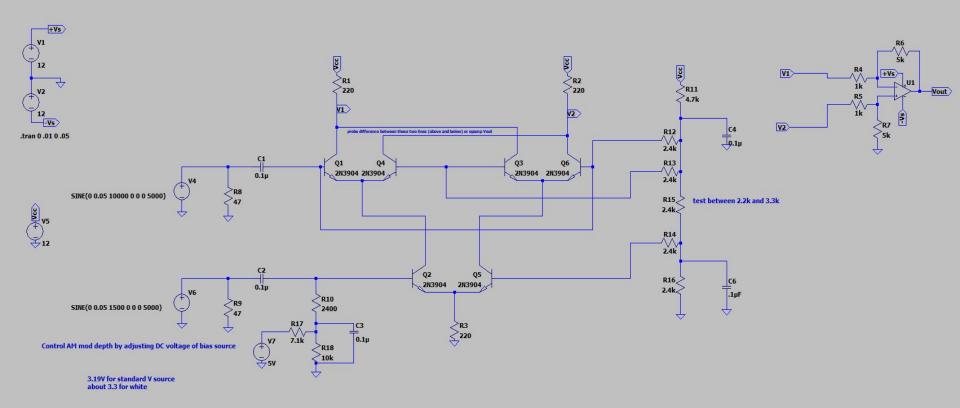
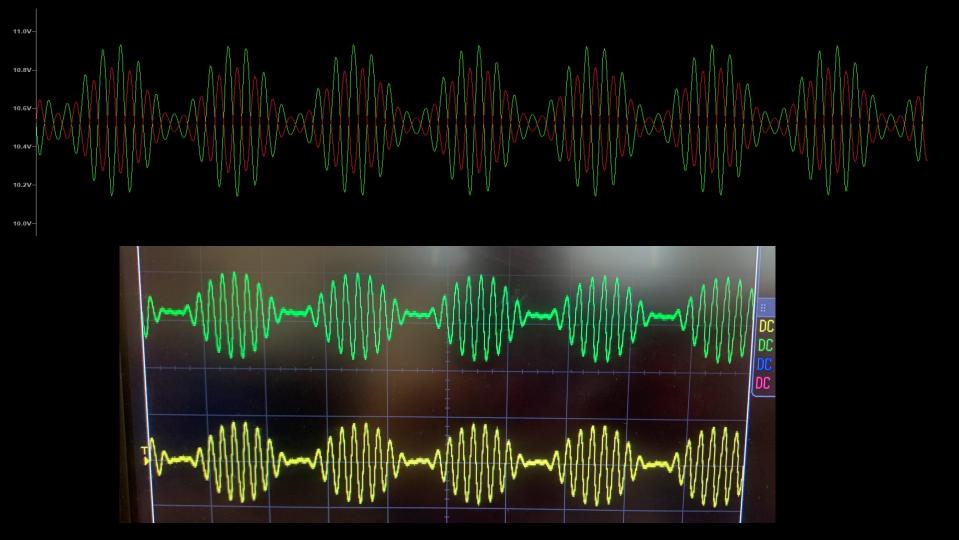
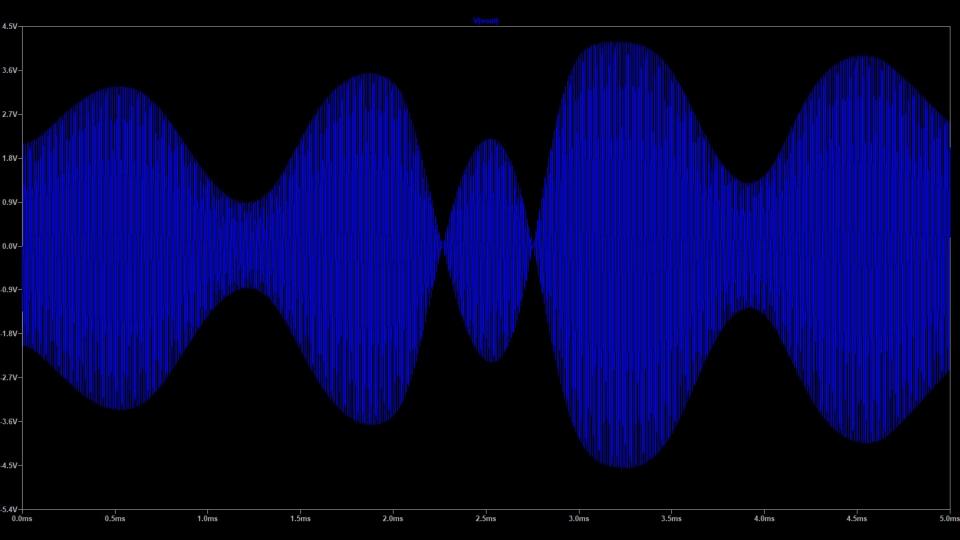
AM Radio Transmitter

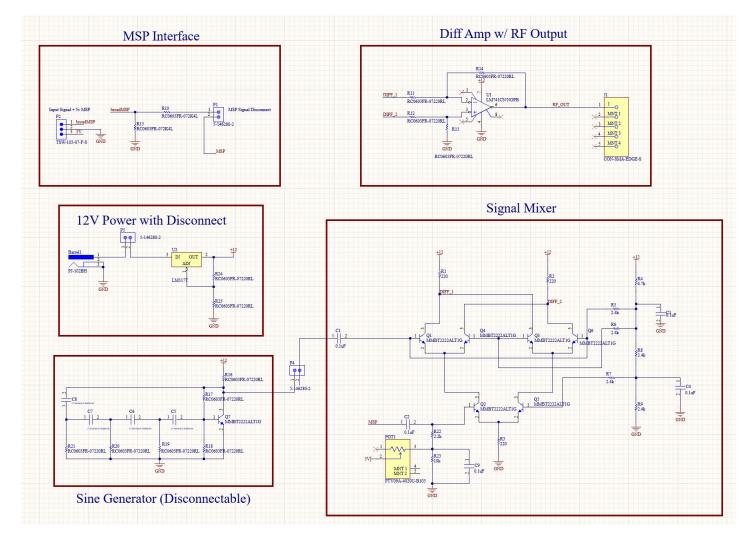
Thomas Rasa & Christian Cipolletta

Gilbert Cell Mixer + Diff Amp Output

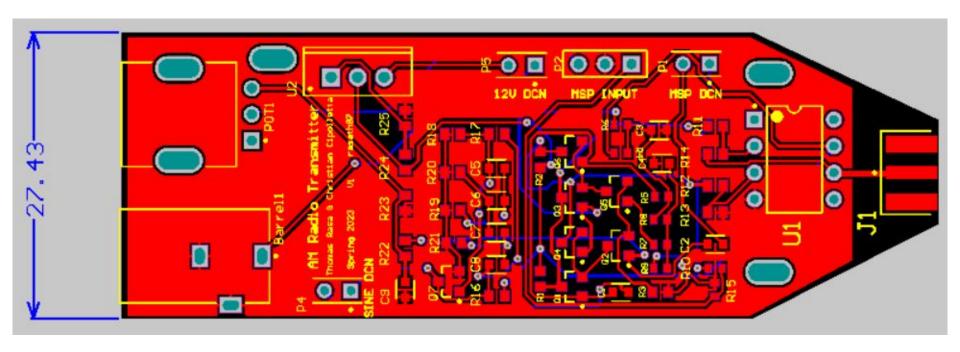




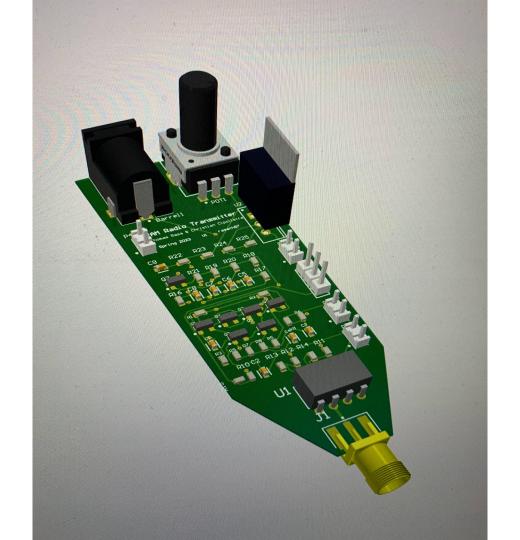




PCB



PCB





Working Parts

- Able to transmit an AM Radio Wave
 - The MSP430 generates the broadcast signal while a function generator makes the carrier wave
- Able to change the broadcast signal with the press of a keyboard button
- Able to receive the AM wave using an AM Radio

Works in Progress

- The carrier signal generator circuit only generates a wave with a frequency of 80MHz
- The differential amplifier has little to no gain
- The antennas being used are not made for the AM Band

