10/24/23

Griffin Rzonca

ECE 445

Meeting with Jason

* Can’t use ESP32 dev board according to the course site, where can we find just the chip? If all we need is for it to generate a frequency, do we even need an ESP32?
  + Can we just use an ATTiny/ATMega?
* How to do different grounds - can’t have the isolation share a ground but not sure how to make them separate
* IFE96E and IFD95T not on KiCAD - need a custom macro?

**Power Notes:**

* Can buy one of the camera holder things like what we used to hold our phone for Zoom tests freshman year
  + Could hold primary coil, adjustable to the desired height
* Consider just doing a regular tank instead of David’s tank

**Audio Notes:**

* Stick with ESP32, “Bare Minimum” full schematic on course wiki, easiest to use for sure
* Add “Bare Minimum” full schematic to KiCAD doc
* Change 10k to 100k
* Add op amp rail splitter to bottom to create pseudo ground at 2.5V
* Adding third op amp on the bottom in order to create a DC offset