

DIFFERENCES BETWEEN 80M/40M SSB

VHF VS UHF

QUADRATURE AUDIO IS 90° OUT OF PHASE
DESIGN RF SPLITTER TO GET BOTH COMPONENTS
CAN USE TWO HILBERT TRANSFORMS AND DSP
TO EQUALIZE DELAY

CLASS B PUSH PULL AMPLIFIER, 70% EFFICIENT,
HIGH POWER. USE CENTER TAPPED TRANSFORMER
TO SEPARATE $+$ - COMPONENTS, RECOMBINE WITH
A DUAL WOUND TRANSFORMER

MAKE OWN INDUCTORS, BUT TOROID CORES
NEED TO BE ABLE TO UNIFY INDUCTANCE

AROUND TEENSY LIBRARIES, AND AUDIO

USE JSON TO STORE COEFFS FOR DSP TRANSFORMS

3MHz - 10MHz SSB