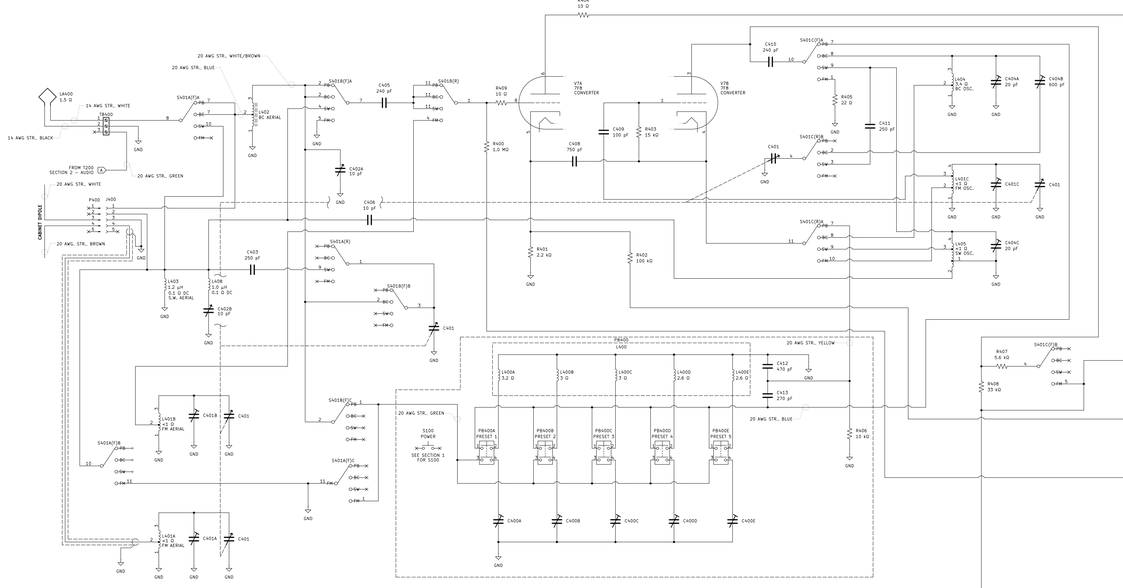
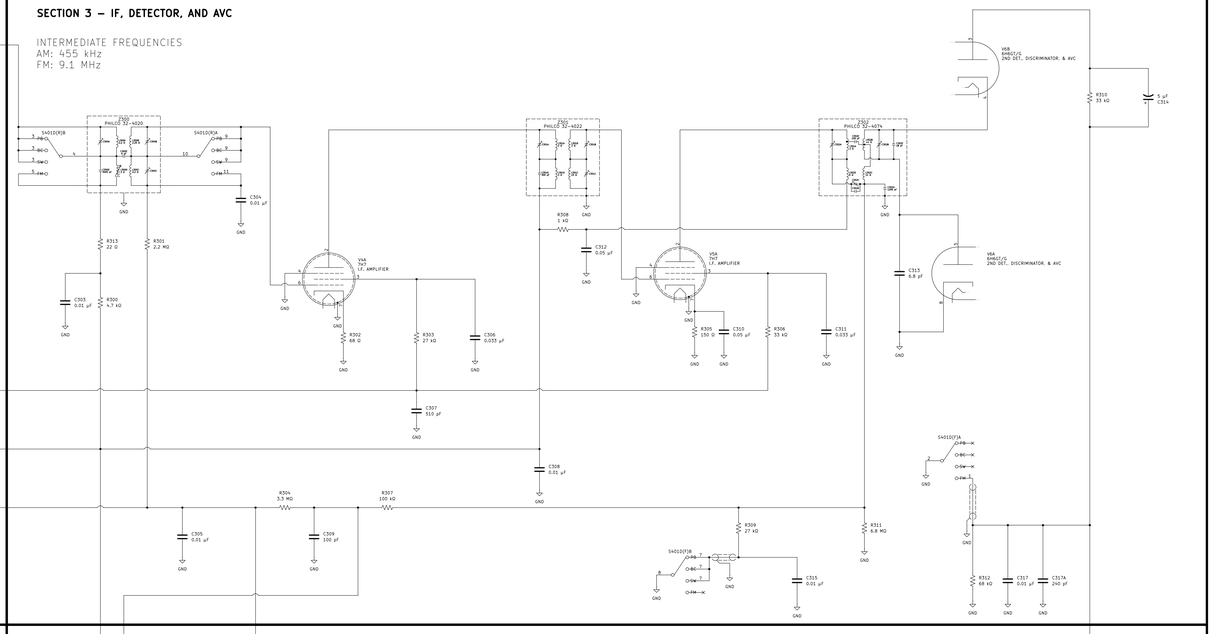
SECTION 4 – RF AND CONVERTER



SECTION 3 – IF, DETECTOR, AND AVC

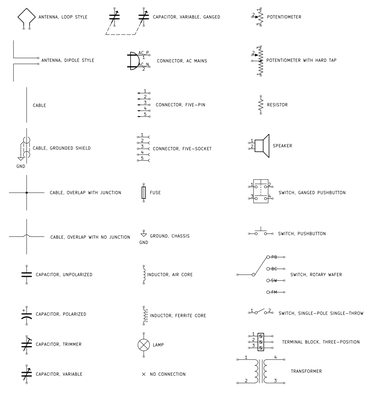
INTERMEDIATE FREQUENCIES
AM: 455 kHz
FM: 9.1 MHz

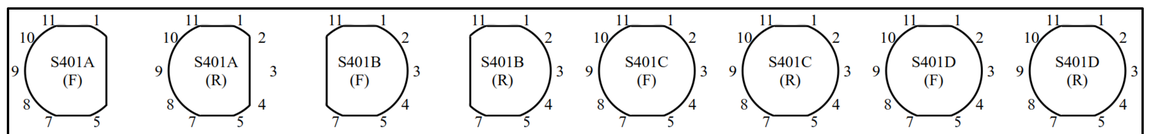


SECTION 1 – POWER SUPPLY

SECTION 2 – AUDIO

SYMBOL LEGEND





S401 BAND SWITCH WAFER SECTIONS – (F) INDICATES FRONT OF WAFER – (R) INDICATES REAR OF WAFER, AS SEEN THROUGH FRONT

REV 1 CHANGES
* W100 REPLACED BY POLARIZED PLUG.
* C100A & C100B ADDED TO INTERRUPT 117 VAC CIRCUIT.
* S100 MOVED FROM NEUTRAL TO LIVE SIDE OF PRIMARY 117 VAC CIRCUIT.
* C316A RENAMED TO C317A, IT IS IN PARALLEL TO C317, AND C316 WAS REMOVED DURING PRODUCTION RUN 9.
* C100A & C100B MOVED DOWNSTREAM OF S100, SO AS TO BE DE-ENERGIZED WHEN RADIO POWERED OFF.
* C100A & C100B UPGRADED TO X1Y1 RATED SAFETY CAPACITORS.
* C101 CHANGED FROM 25 µF TO 22 µF.
* C102 CHANGED FROM 0.5 µF TO 0.47 µF.
* C104A CHANGED FROM 50 µF TO 40 µF.
* C201, C204, C205, C206 CHANGED FROM 0.006 µF TO 0.0068 µF.
* C306, C311 CHANGED FROM 0.03 µF TO 0.033 µF.
* C308 CHANGED FROM 0.02 µF TO 0.01 µF.
* C405 C411 CHANGED FROM 255 pF TO 250 pF.
* C412 CHANGED FROM 485 pF TO 470 pF.
* C413 CHANGED FROM 265 pF TO 270 pF.

REV 0
* PAGE DRAWN FROM ORIGINAL PHILCO 46-480 SCHEMATIC.
* MADE ALL NECESSARY EDITS TO REFLECT PRODUCTION RUN 9.

JOSEPH R. BLASDELL

Sheet: /
File: Philco 46-480 Schematic.kicad_sch

Title: PHILCO 46-480 SCHEMATIC

Size: E	Date: 2020-02-26	Rev: 1
KiCad E.D.A. 8.0.8		Id: 1/1