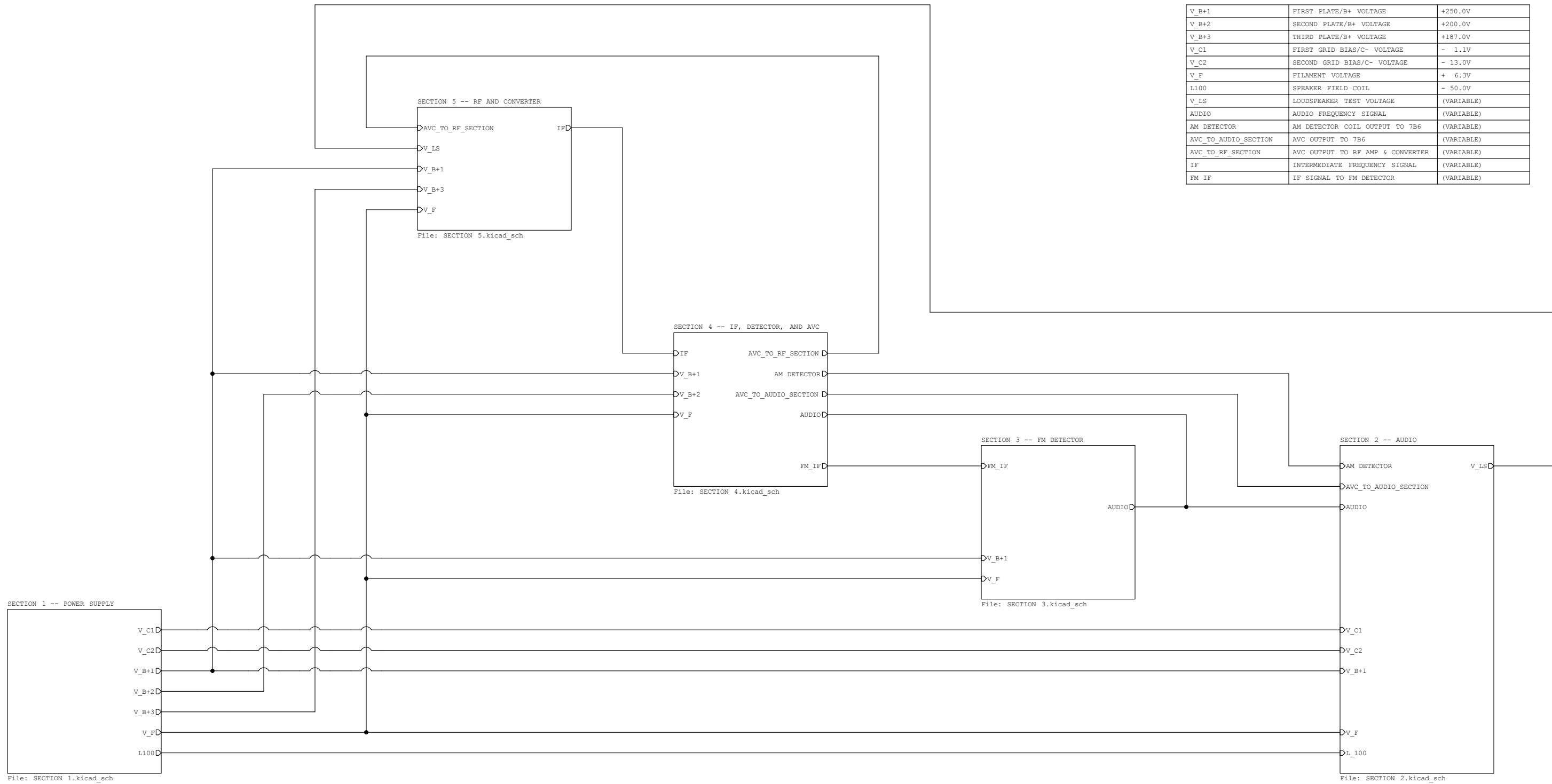


PIN DEFINITIONS

V_B1	FIRST PLATE/B+ VOLTAGE	+250.0V
V_B2	SECOND PLATE/B+ VOLTAGE	+200.0V
V_B3	THIRD PLATE/B+ VOLTAGE	+187.0V
V_C1	FIRST GRID BIAS/C- VOLTAGE	- 1.1V
V_C2	SECOND GRID BIAS/C- VOLTAGE	- 13.0V
V_F	FILAMENT VOLTAGE	+ 6.3V
LI10	SPEAKER FIELD COIL	- 50.0V
V_LS	LOUDSPEAKER TEST VOLTAGE	(VARIABLE)
AUDIO	AUDIO FREQUENCY SIGNAL	(VARIABLE)
AM DETECTOR	AM DETECTOR COIL OUTPUT TO 7B6	(VARIABLE)
AVC_TO_AUDIO_SECTION	AVC OUTPUT TO 7B6	(VARIABLE)
AVC_TO_RF_SECTION	AVC OUTPUT TO RF AMP & CONVERTER	(VARIABLE)
IF	INTERMEDIATE FREQUENCY SIGNAL	(VARIABLE)
FM IF	IF SIGNAL TO FM DETECTOR	(VARIABLE)



REV 0
* REDRAWN FROM ORIGINAL PHILCO 48-482 SCHEMATIC.
* MADE ALL NECESSARY EDITS TO REFLECT PRODUCTION RUN 3.

PHILCO

JOSEPH R BLASDEL
Sheet: /PHILCO 48-482 SCHEMATIC/ File: Philco 48-482 Schematic.kicad_sch

Title: PHILCO 48-482 SCHEMATIC

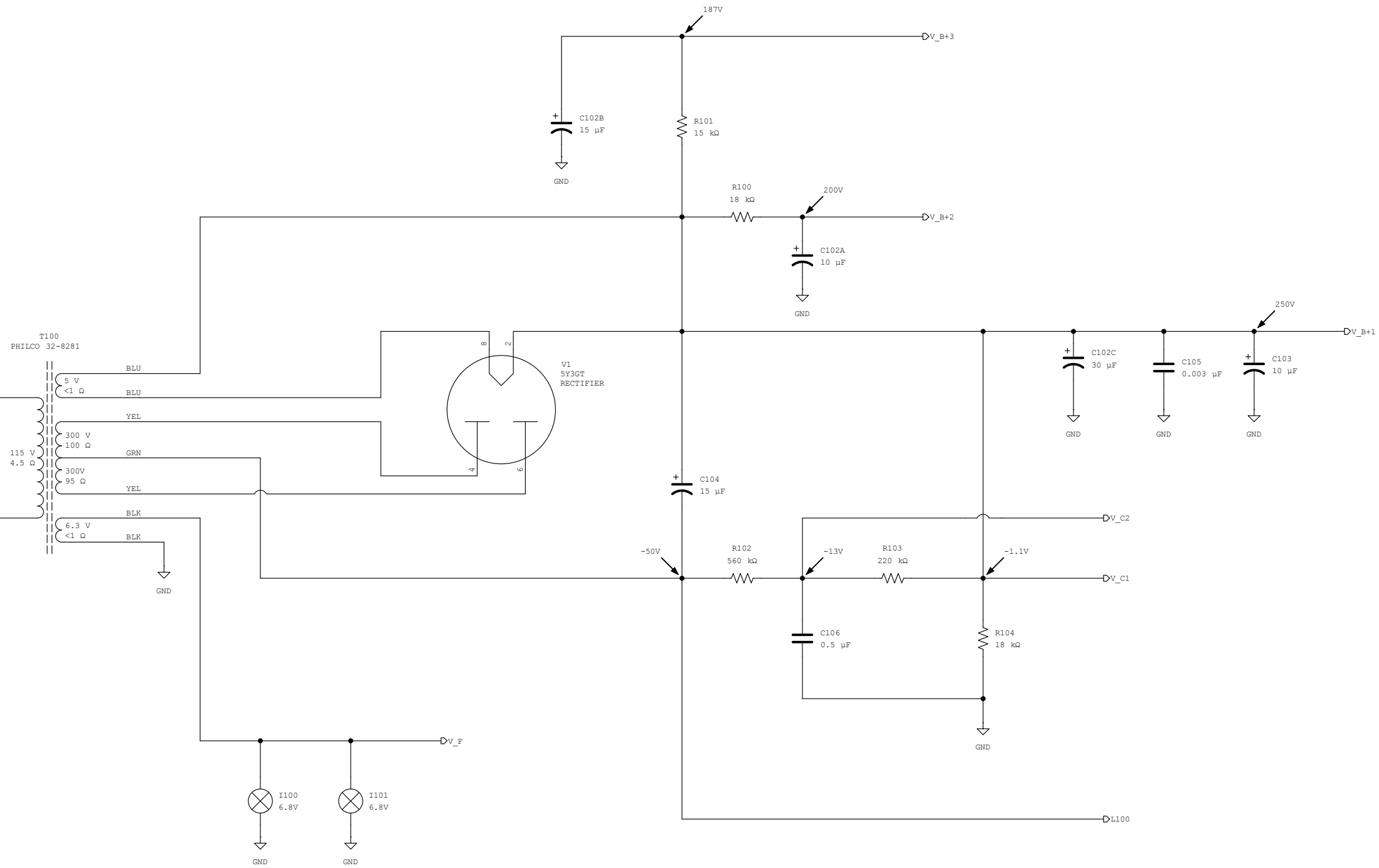
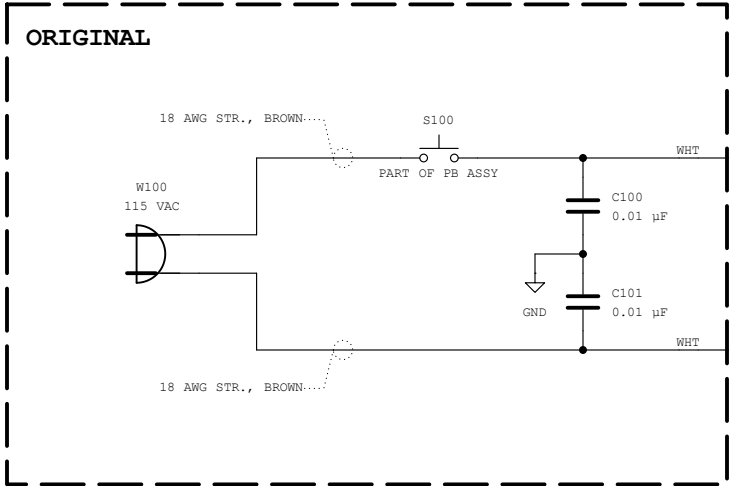
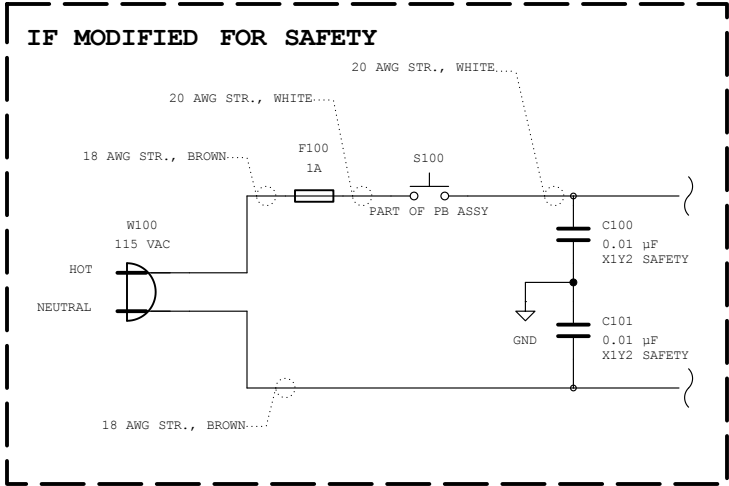
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KiCad E.D.A. 10

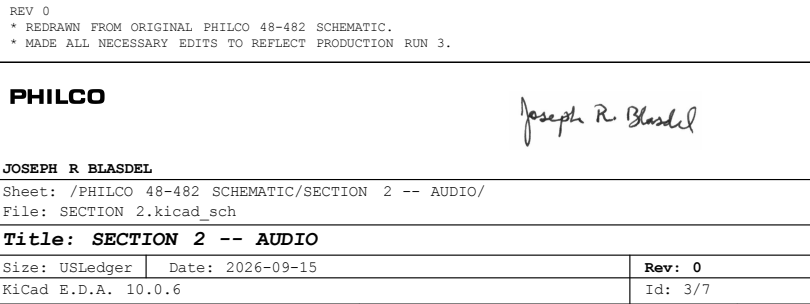
KiCad E.D.A. 10.0.6

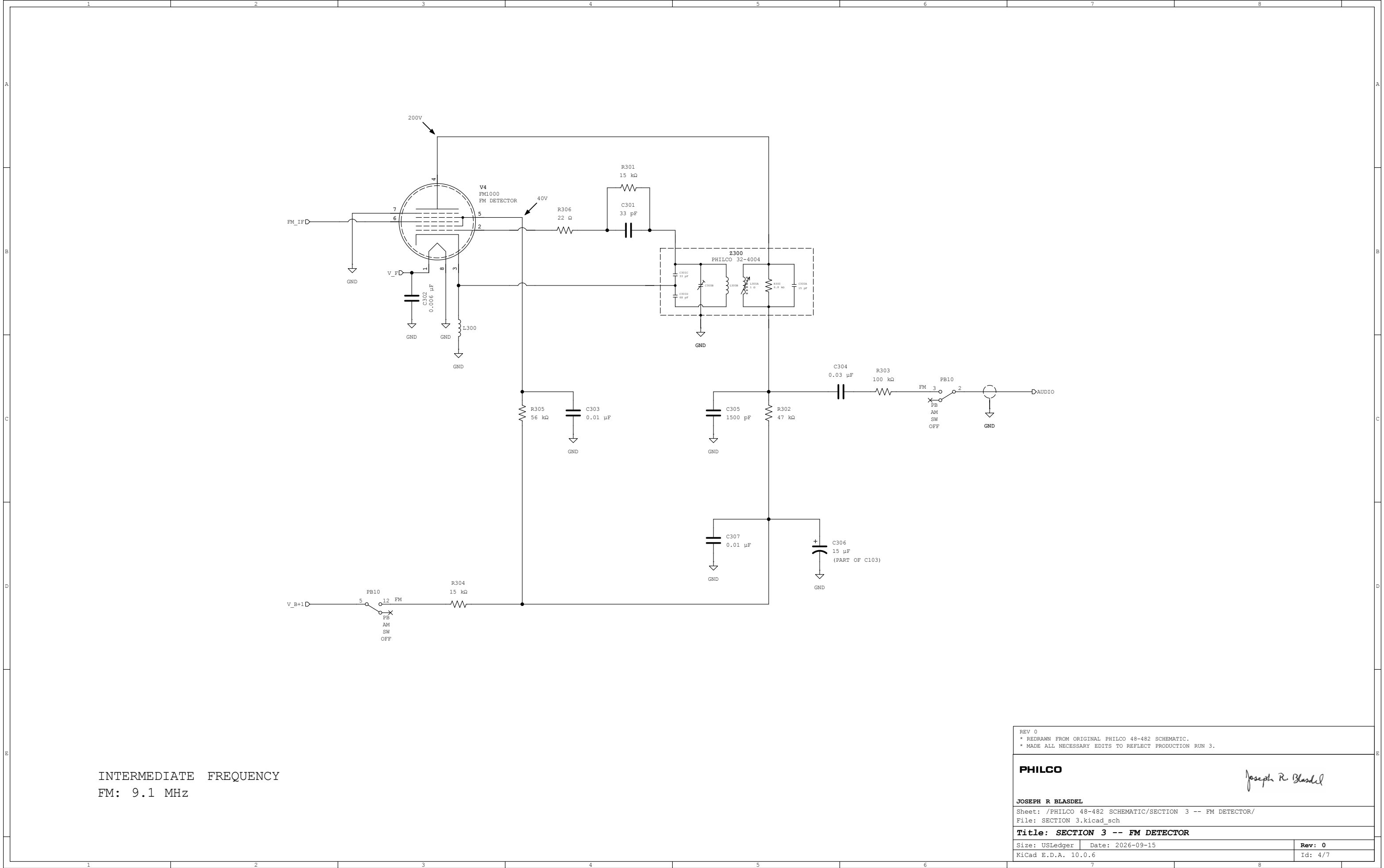
Rev: 0

Id: 1/



REV 0
* REDRAWN FROM ORIGINAL PHILCO 48-482 SCHEMATIC.
* MADE ALL NECESSARY EDITS TO REFLECT PRODUCTION RUN 3.





INTERMEDIATE FREQUENCY
FM: 9.1 MHz

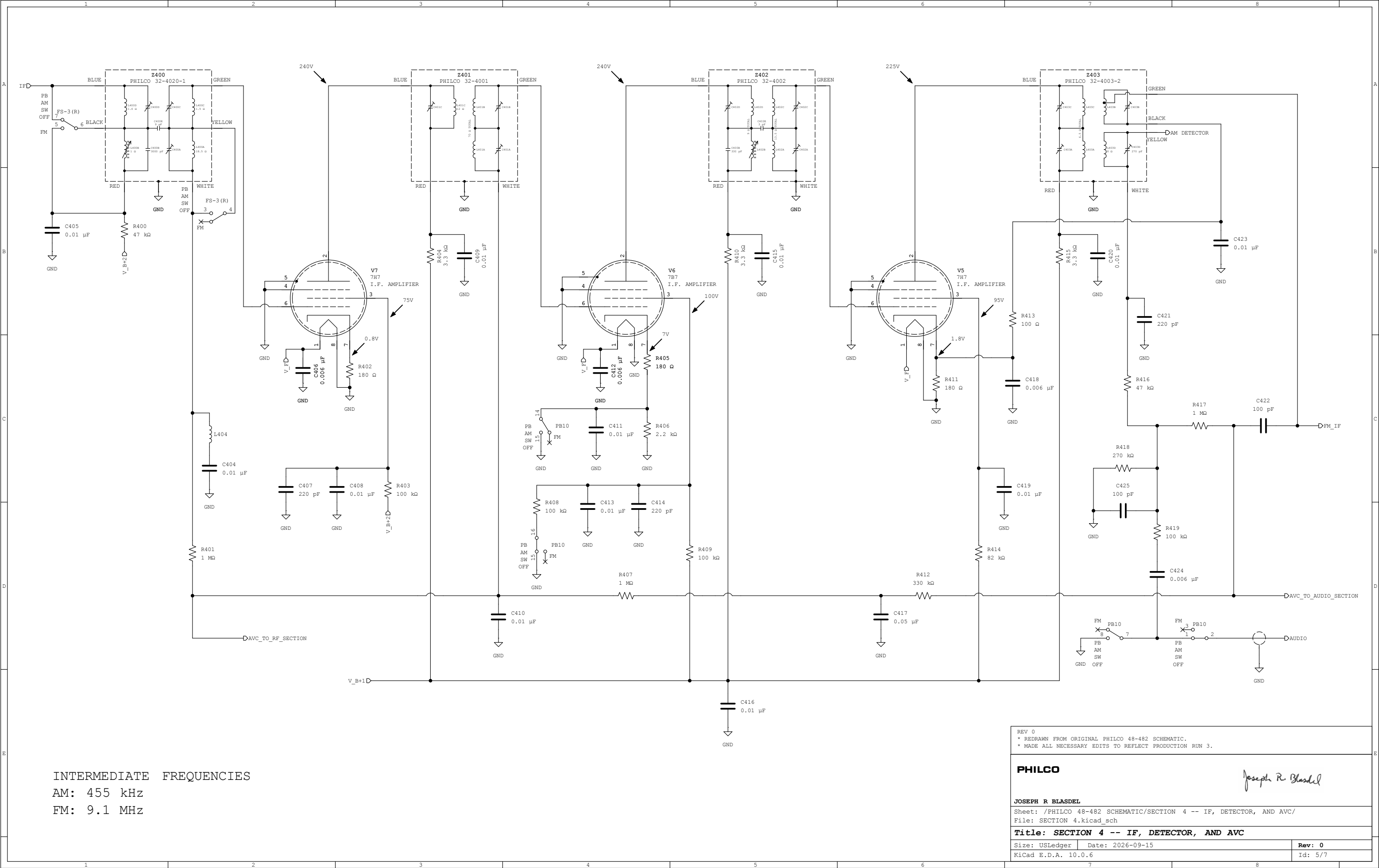
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* REDRAWN FROM ORIGINAL PHILCO 48-482 SCHEMATIC.
* MADE ALL NECESSARY EDITS TO REFLECT PRODUCTION RUN 3.

Joseph R. Blasdel

Sheet: /PHILCO 48-482 SCHEMATIC/SECTION 3 -- FM DETECTOR/
File: SECTION 3.kicad_sch

Title: SECTION 3 -- FM DETECTOR

Size: USLedger	Date: 2026-09-15	Rev: 0
KiCad E.D.A. 10.0.6		Id: 4/



INTERMEDIATE FREQUENCIES
AM: 455 kHz
FM: 9.1 MHz

REV 0 * REDRAWN FROM ORIGINAL PHILCO 48-482 SCHEMATIC. * MADE ALL NECESSARY EDITS TO REFLECT PRODUCTION RUN 3.		
PHILCO		
JOSEPH R BLASDEL		
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Title: SECTION 4 -- IF, DETECTOR, AND AVC		
Size: USLedge	Date: 2026-09-15	Rev: 0
KiCad E.D.A. 10.0.6		Id: 5/7

SYMBOL LEGEND

ANTENNA, LOOP STYLE	ANTENNA, AERIAL	CABLE	CABLE, GROUNDED SHIELD	GND	CABLE, OVERLAP WITH JUNCTION
CABLE, OVERLAP WITH NO JUNCTION	CAPACITOR, UNPOLARIZED	CAPACITOR, POLARIZED	CAPACITOR, TRIMMER	CAPACITOR, VARIABLE	CAPACITOR, VARIABLE, GANGED
CONNECTOR, AC MAINS	CONNECTOR, FIVE-PIN	CONNECTOR, FIVE-SOCKET	FUSE	INDUCTOR, AIR CORE	INDUCTOR, FERRITE CORE, TRIMMER
LAMP	NO CONNECTION	POTENTIOMETER	POTENTIOMETER WITH HARD TAP	RESISTOR	SPEAKER
SWITCH, DPDT	SWITCH, SPST, N.O. (TOP), N.C. (BOTTOM)	SWITCH, SINGLE POLE DOUBLE THROW	SWITCH, PUSHBUTTON	TERMINAL BLOCK, THREE-POSITION	TRANSFORMER

PHILCO

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Sheet: /SYMBOL LEGEND/
File: symbol_legend.kicad_sch

Title: SYMBOL LEGEND

Size: USLedger	Date: 2026-09-15
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rev: 0

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