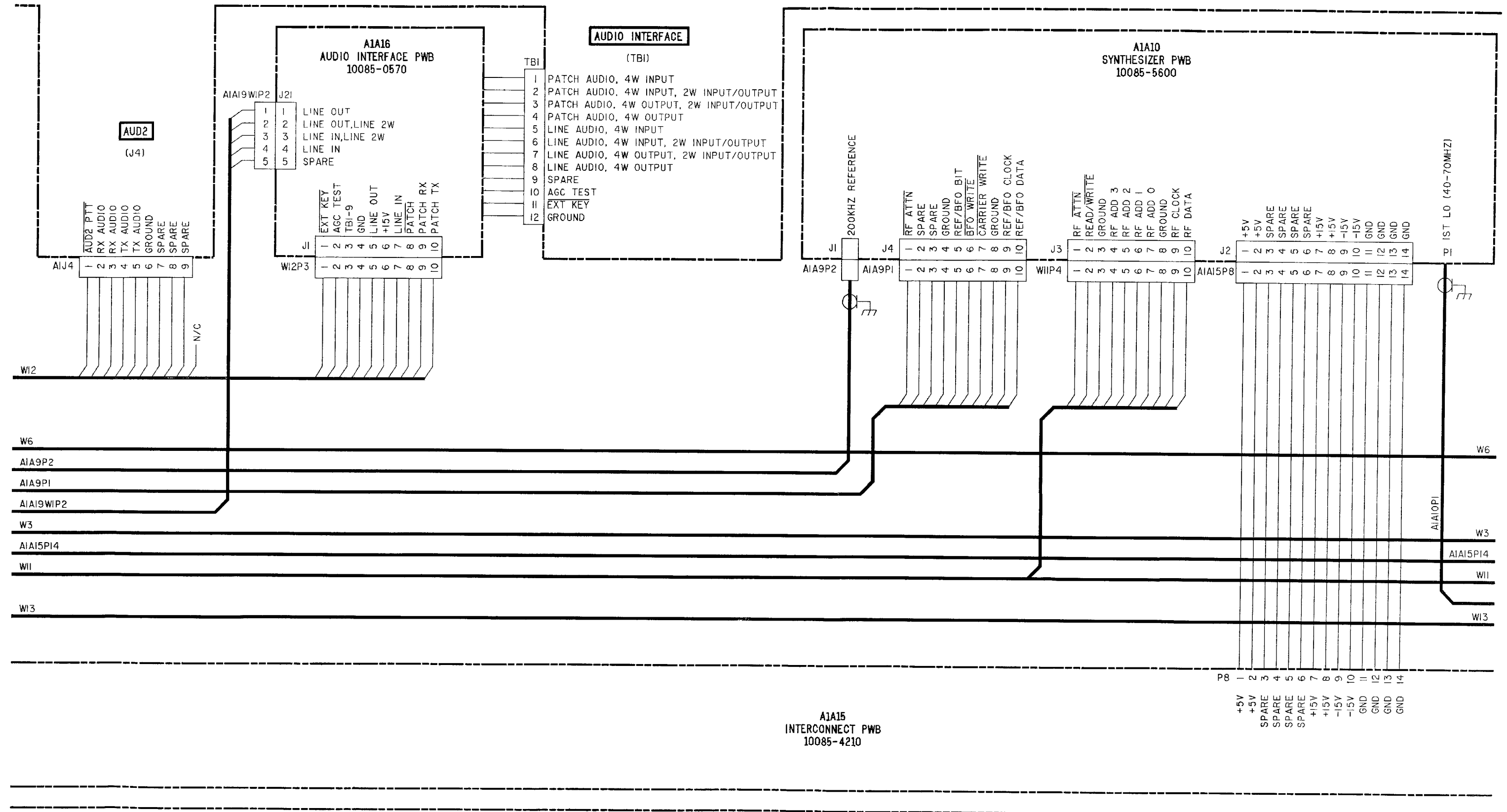


FO-2. TRANSCEIVER ASSY, A1,  
INTERCONNECTION DIAGRAM  
(Sheet 6 of 13)



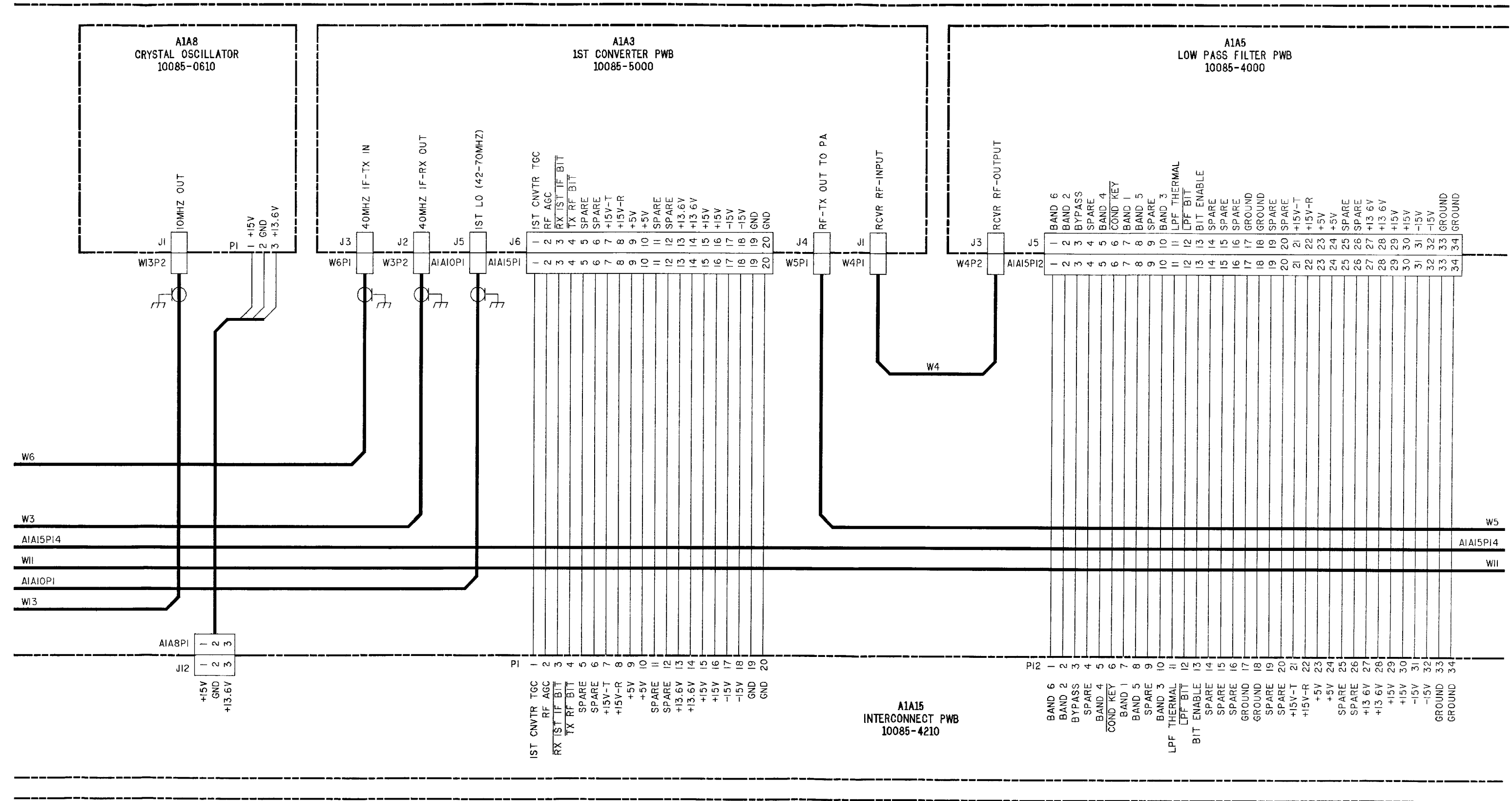






FO-2. TRANSCEIVER ASSY, A1,  
INTERCONNECTION DIAGRAM  
(Sheet 8 of 13)

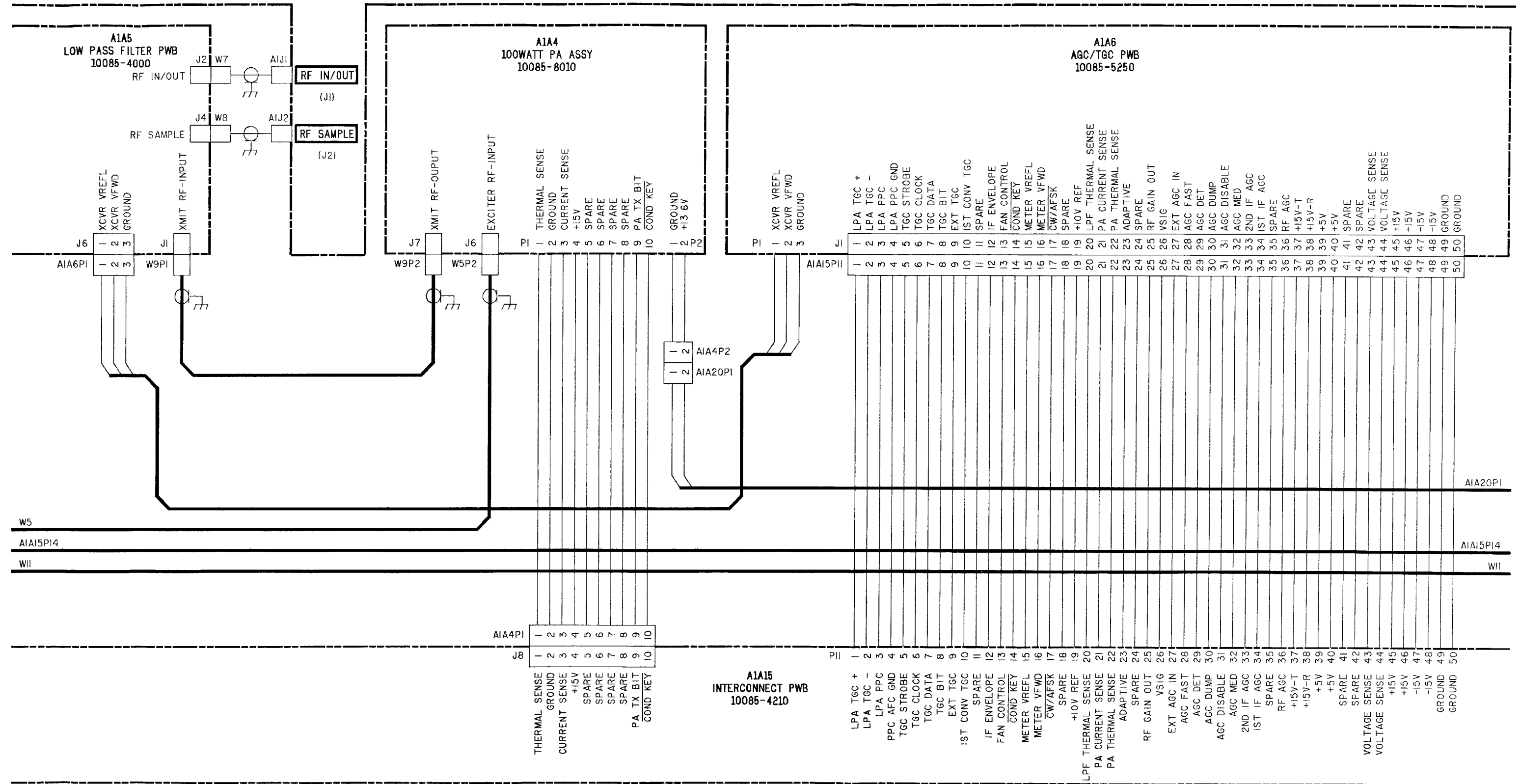




FO-2. TRANSCEIVER ASSY, A1, INTERCONNECTION DIAGRAM (Sheet 9 of 13)





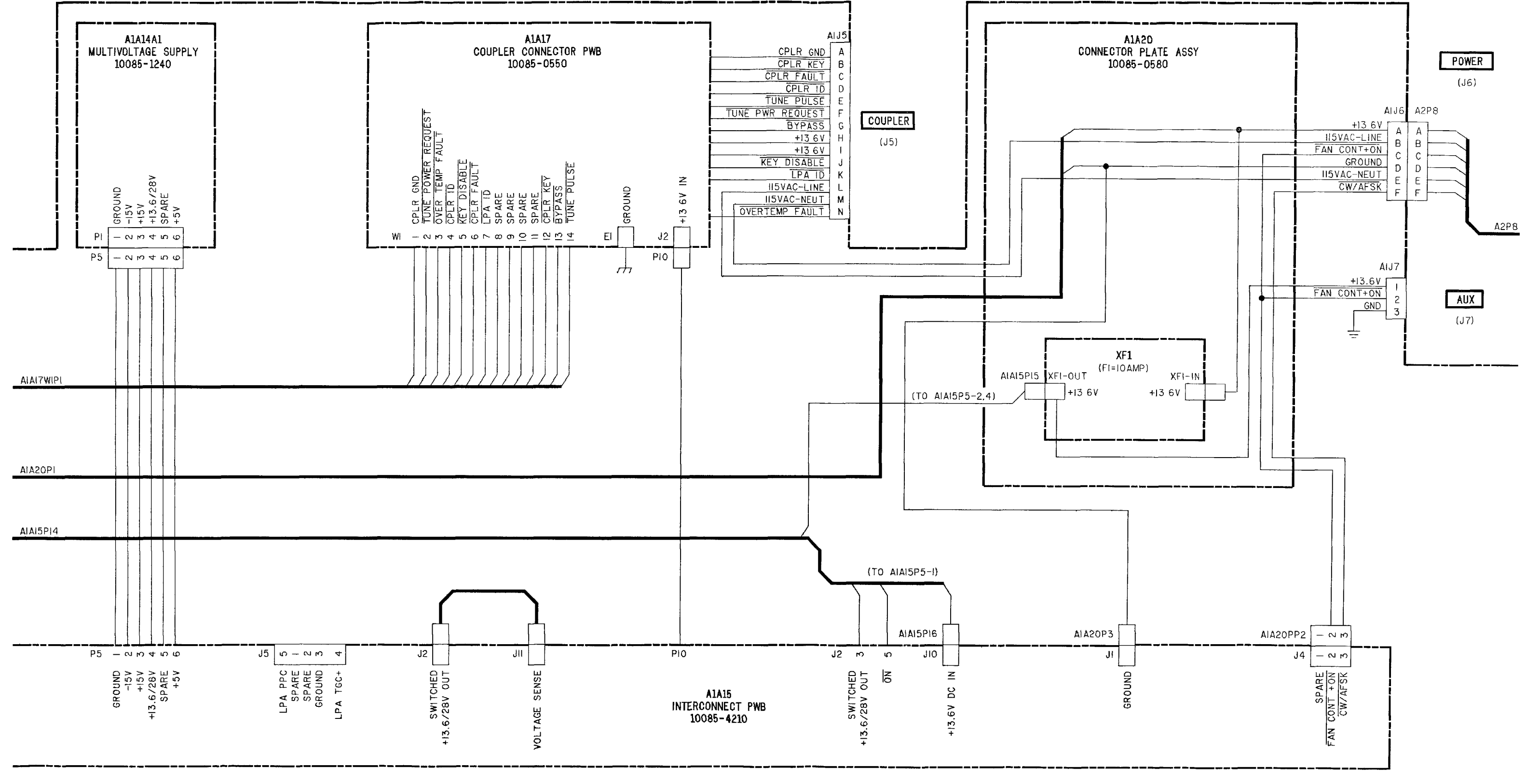


FO-2. TRANSCEIVER ASSY, A1, INTERCONNECTION DIAGRAM (Sheet 10 of 13)



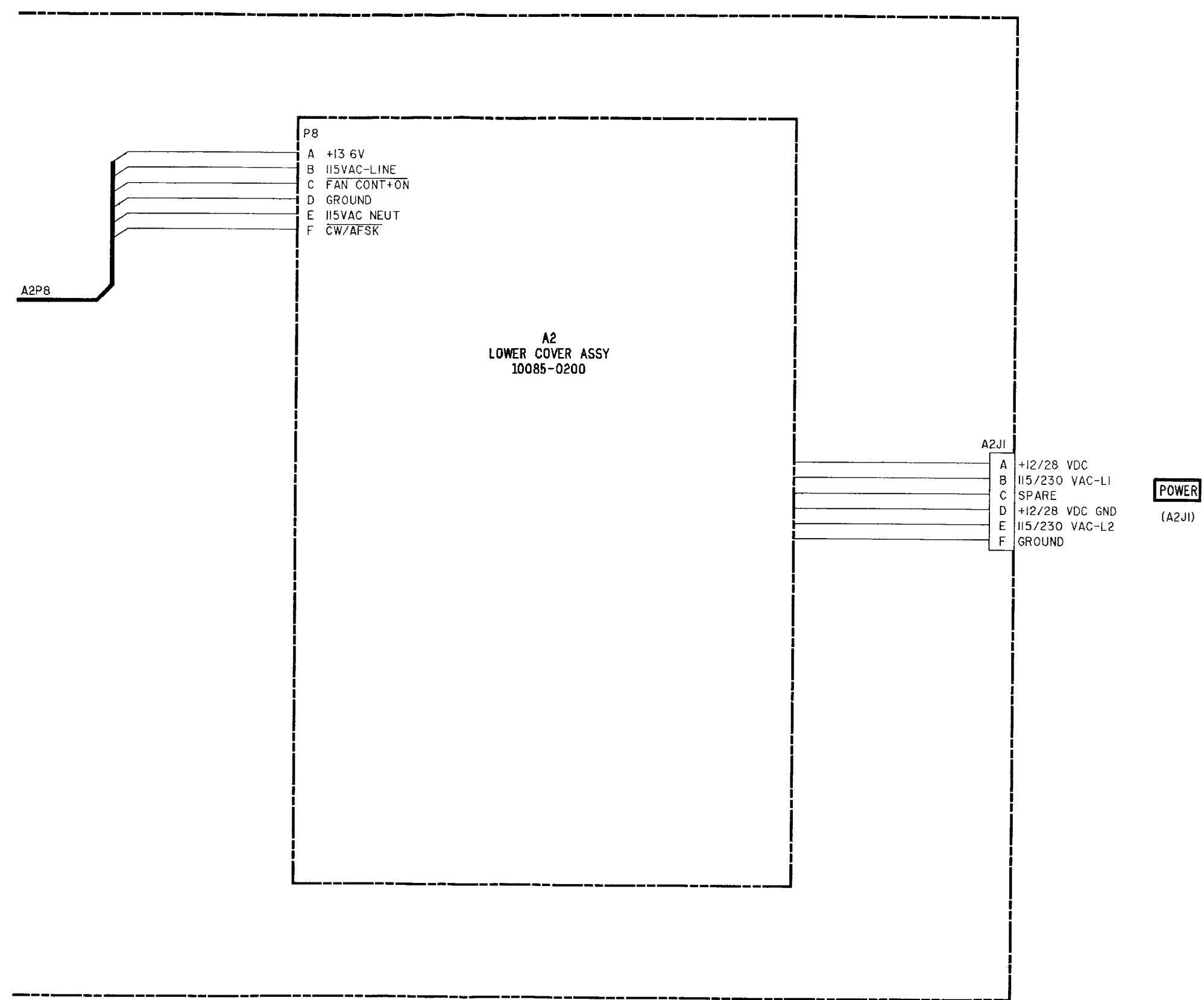






FO-2. TRANSCEIVER ASSY, A1,  
INTERCONNECTION DIAGRAM  
(Sheet 12 of 13)





FO-2. TRANSCEIVER ASSY, A1,  
INTERCONNECTION DIAGRAM  
(Sheet 13 of 13)

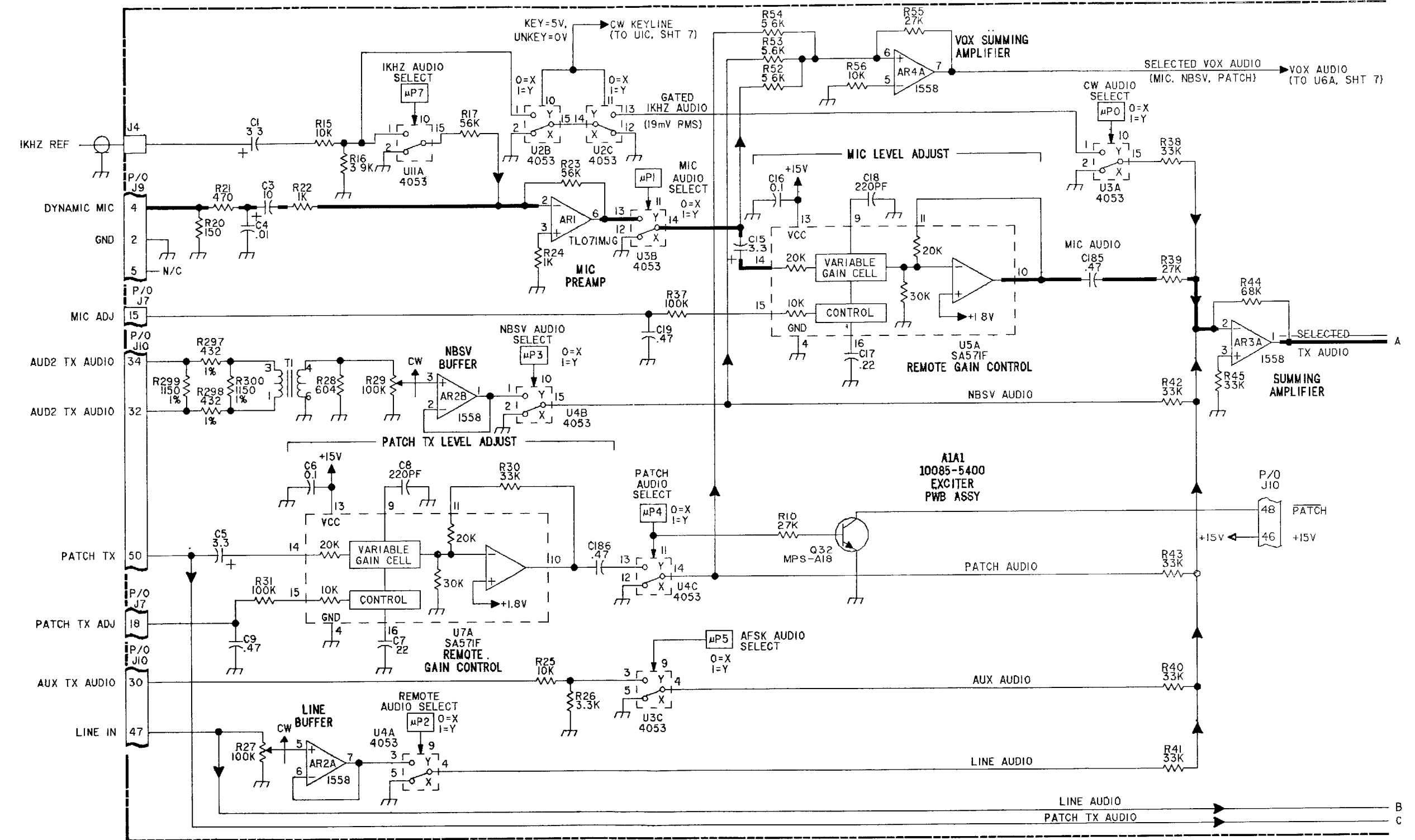




NOTE UNLESS OTHERWISE SPECIFIED:

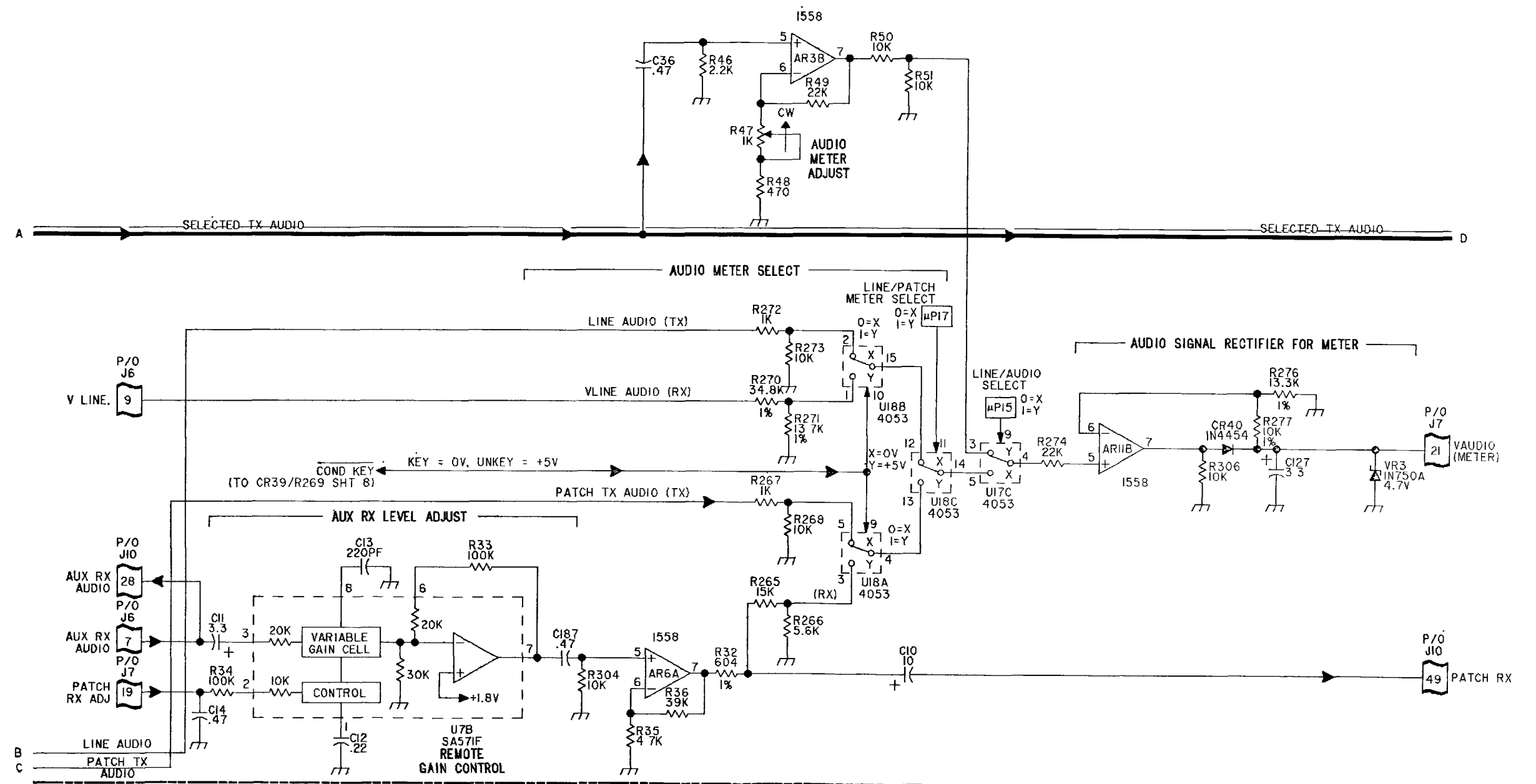
1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN FOR DETAIL PARTS. PREFIX THESE WITH UNIT NO. AND/OR ASSEMBLY DESIGNATIONS SHOWN ON DRAWING TO OBTAIN COMPLETE DESIGNATIONS.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ±5%
3. ALL CAPACITOR VALUES ARE IN MICROFARADS (µF).
4. ALL INDUCTANCE VALUES ARE IN MICROHENRIES (µH)
5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST
6. DC RESISTANCES OF INDUCTIVE ELEMENTS (CHOKES, COILS, MOTOR WINDINGS, ETC.) ARE LESS THAN 1 OHM.
7. PANEL DECALS ARE INDICATED BY BOLD TYPE IN A BOLD BOX, E.G., **ON/OFF**
8. ALL RELAYS ARE SHOWN IN THE DE-ENERGIZED STATE.

HIGHEST REFERENCE DESIGNATION	
REFERENCE DESIGNATIONS NOT USED	



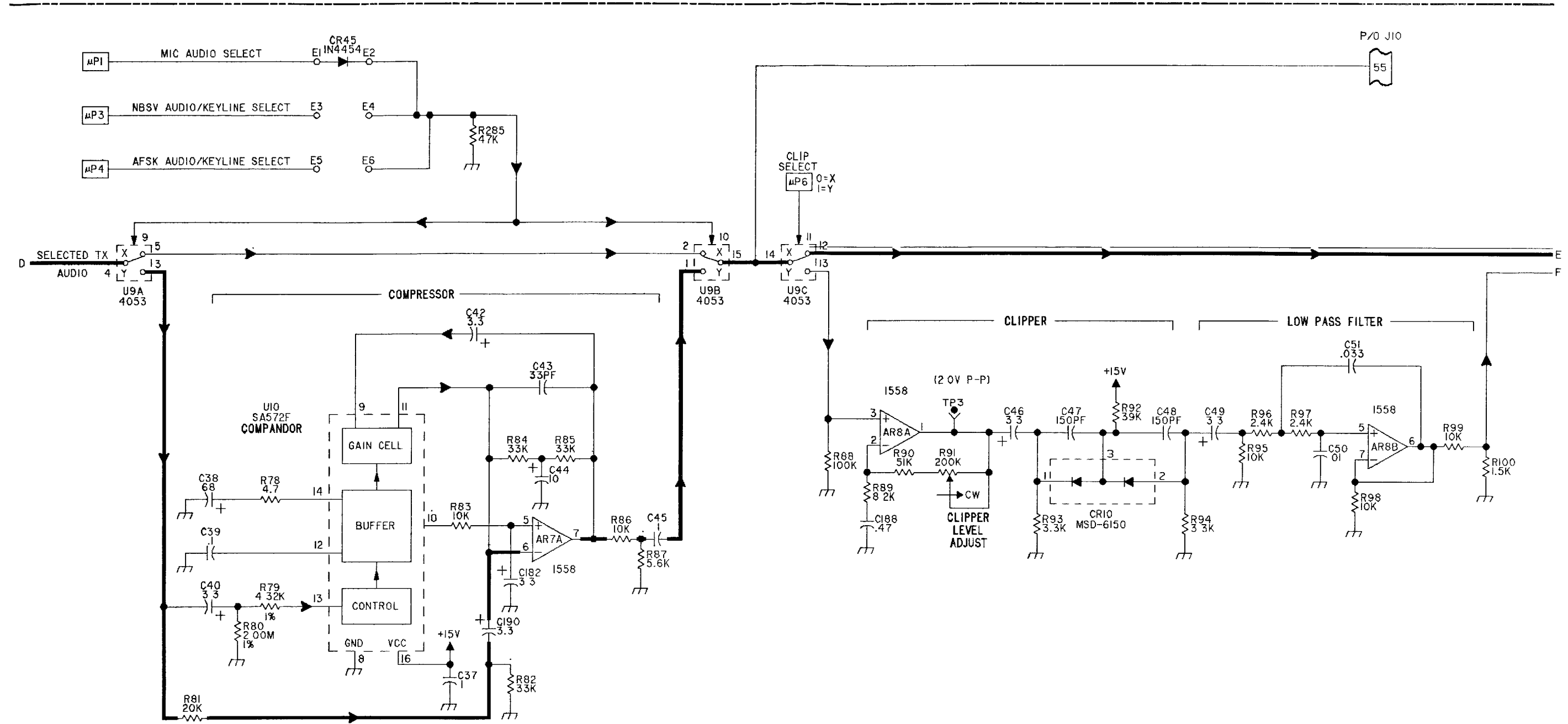
FO-3. EXCITER PWB ASSY, A1A1  
(Sheet 1 of 11)



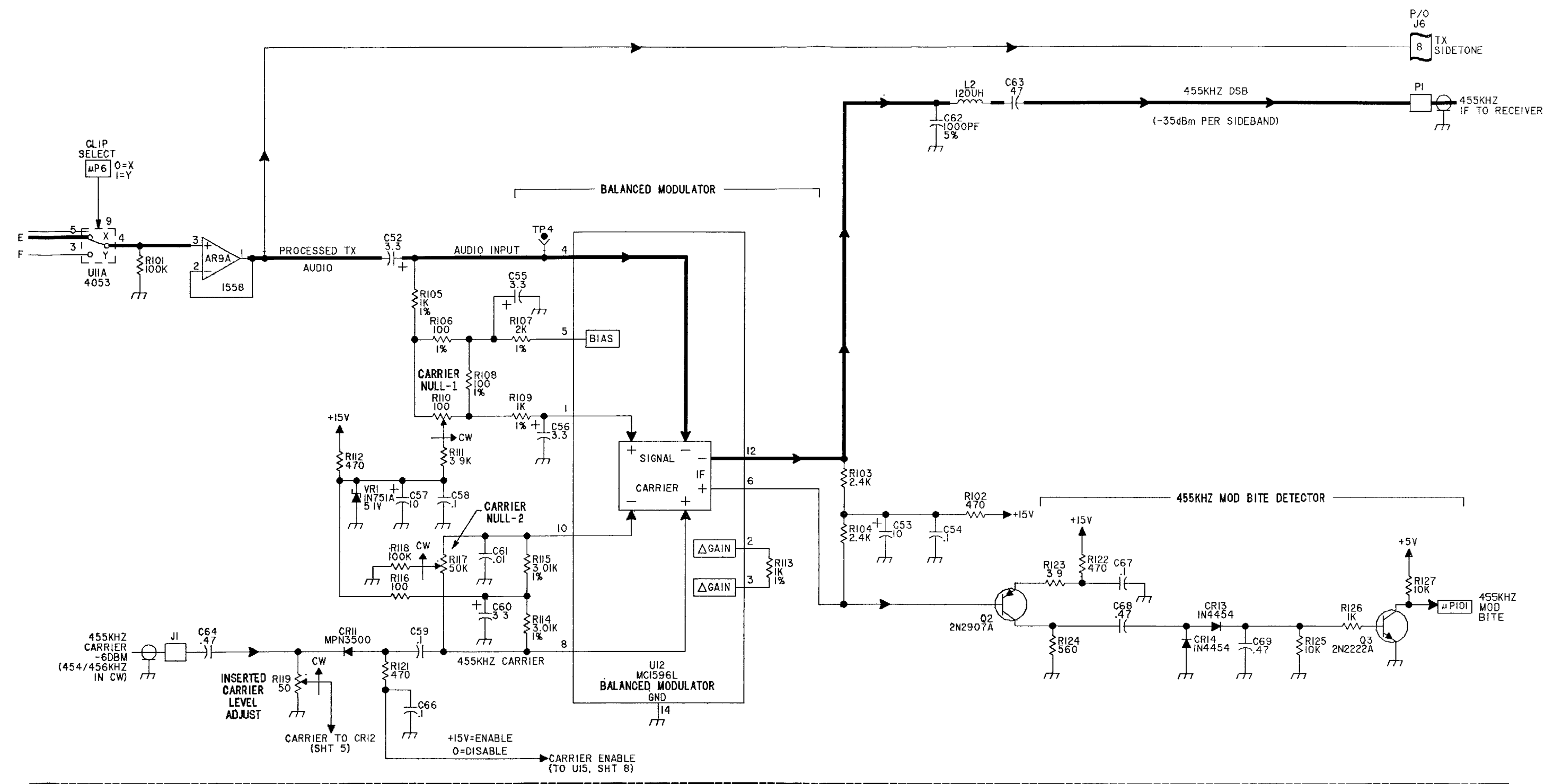


FO-3. EXCITER PWB ASSY, A1A1  
(Sheet 2 of 11)





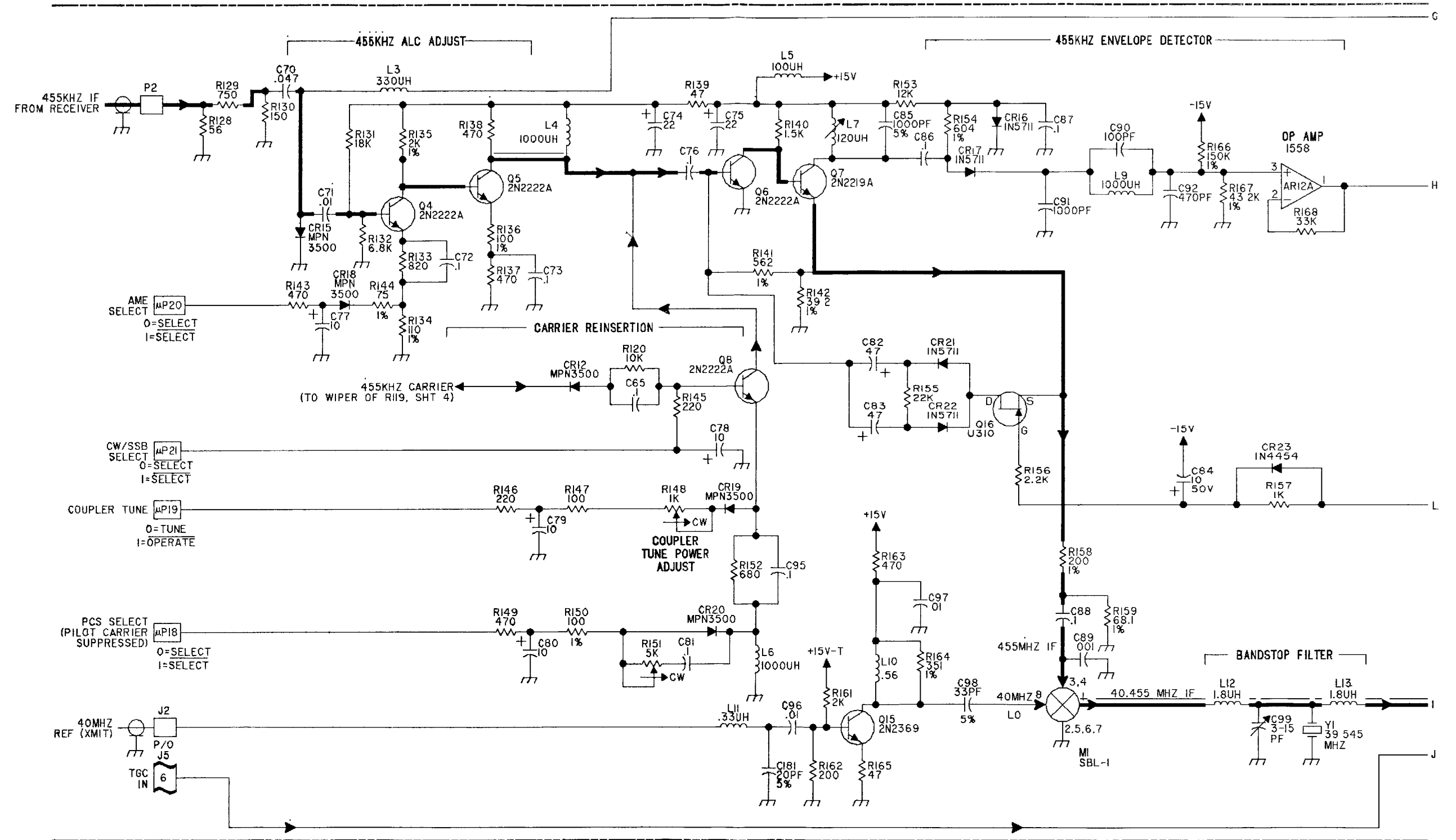




FO-3. EXCITER PWB ASSY, A1A1  
(Sheet 4 of 11)

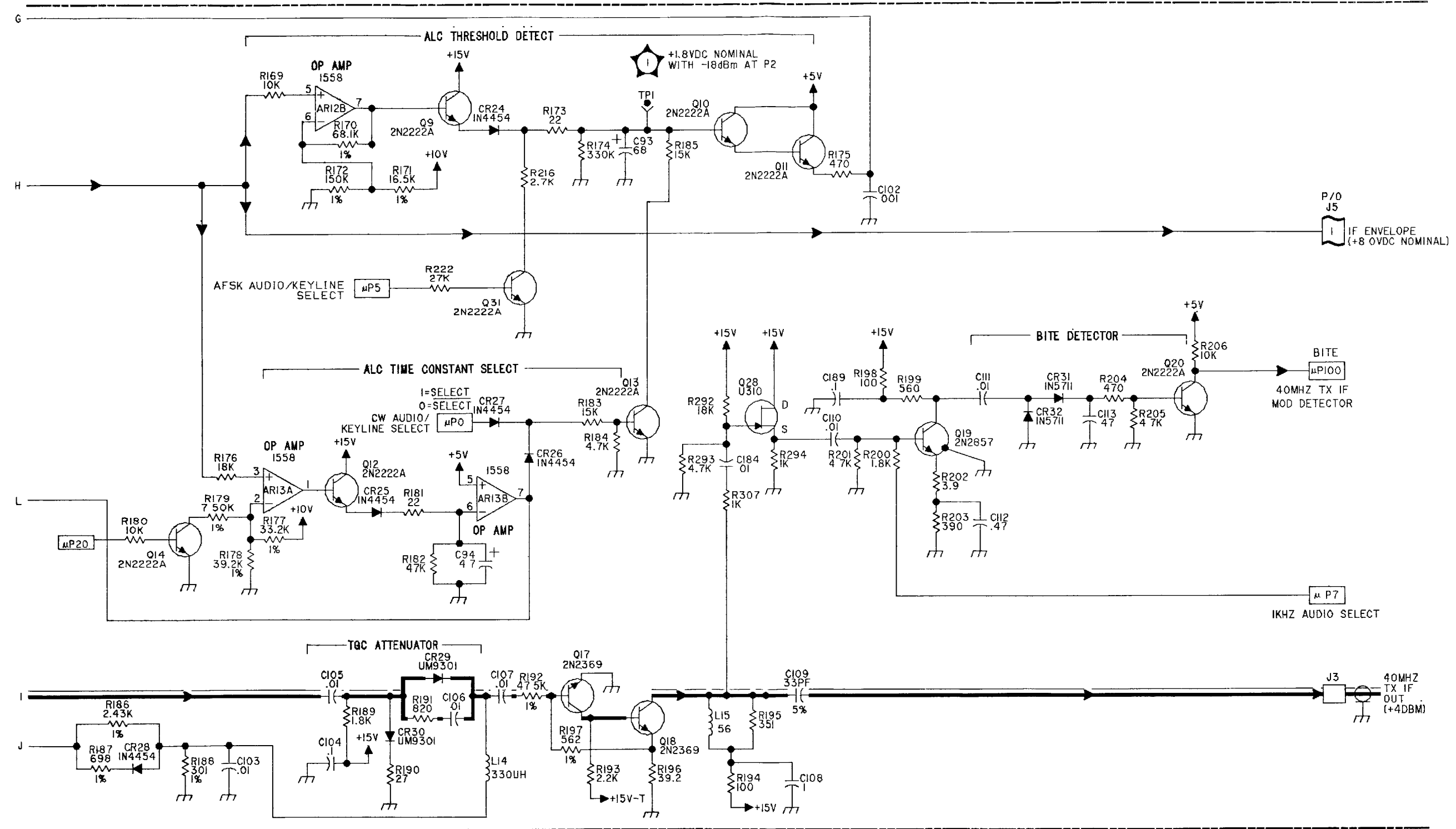






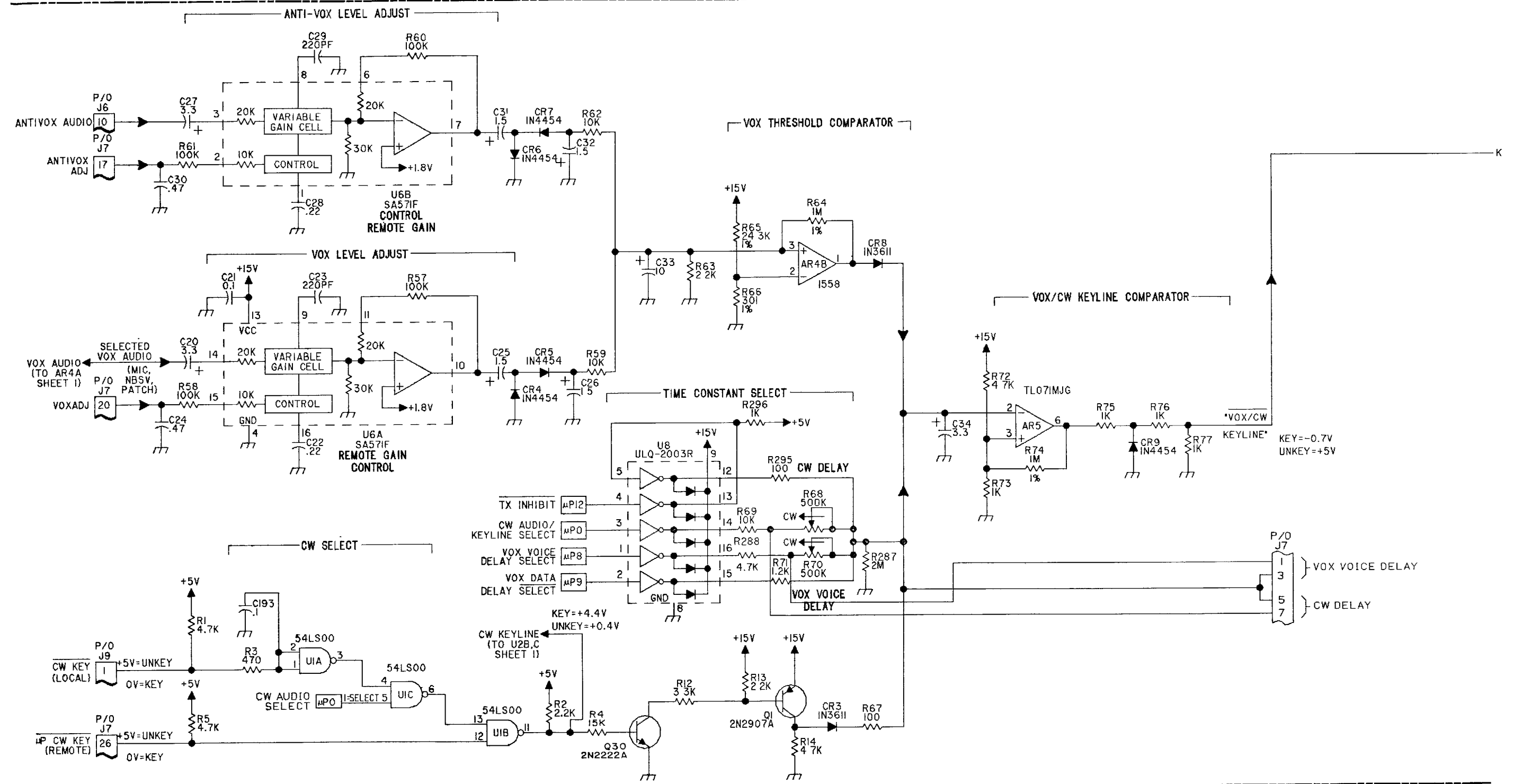
FO-3. EXCITER PWB ASSY, A1A1  
(Sheet 5 of 11)





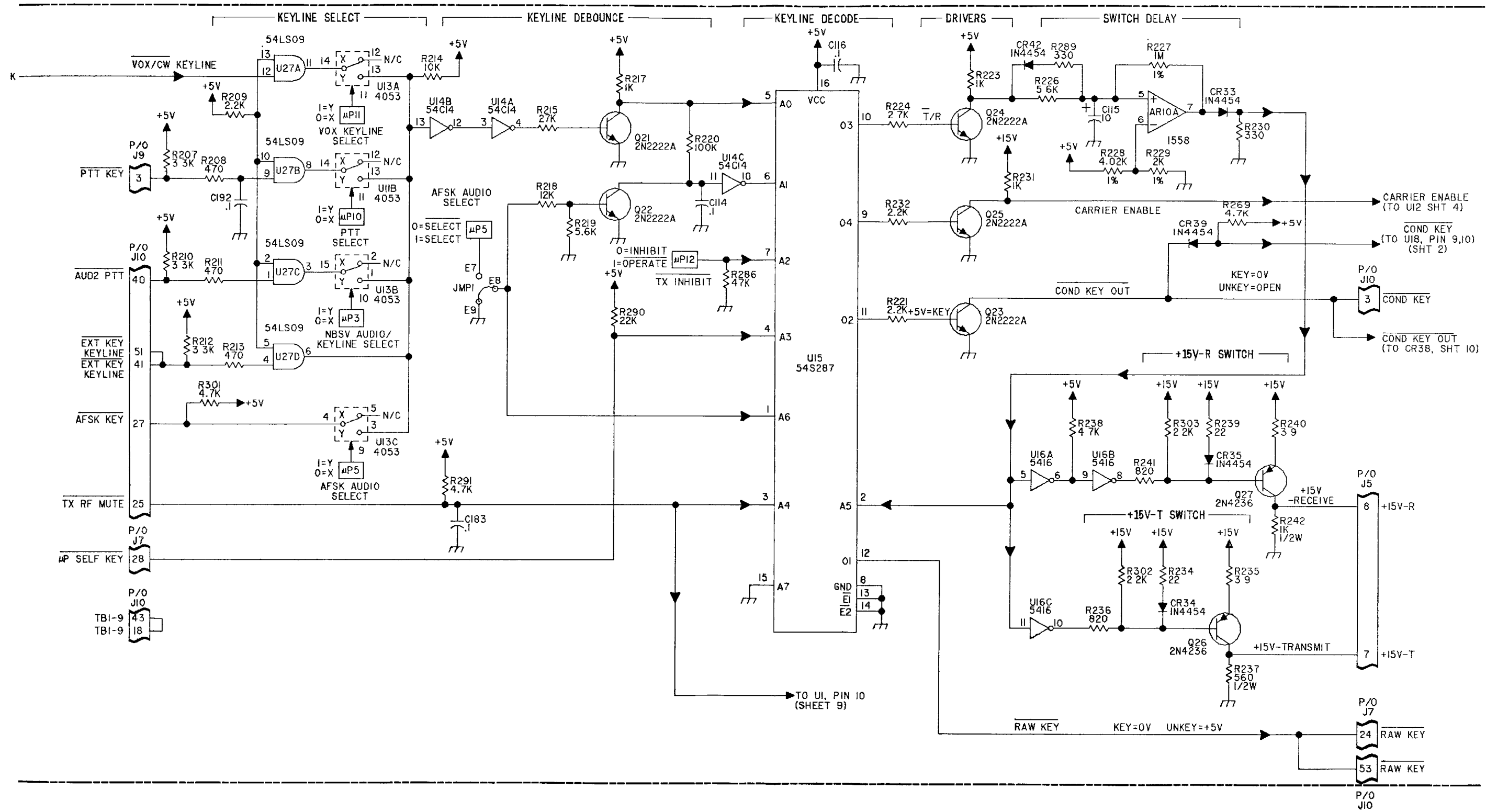
FO-3. EXCITER PWB ASSY, A1A1  
(Sheet 6 of 11)





FO-3. EXCITER PWB ASSY, A1A1  
(Sheet 7 of 11)





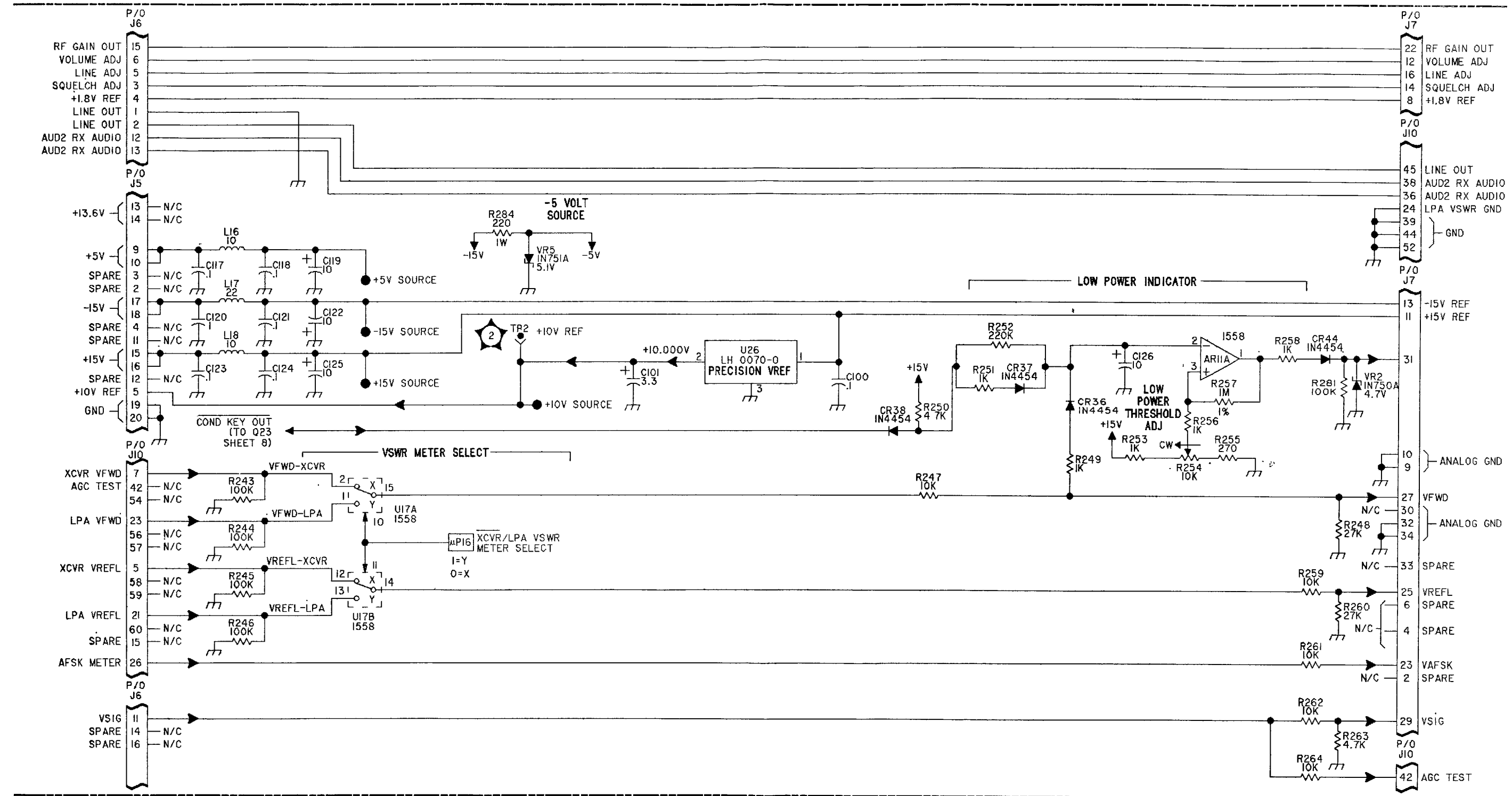
FO-3. EXCITER PWB ASSY, A1A1  
(Sheet 8 of 11)





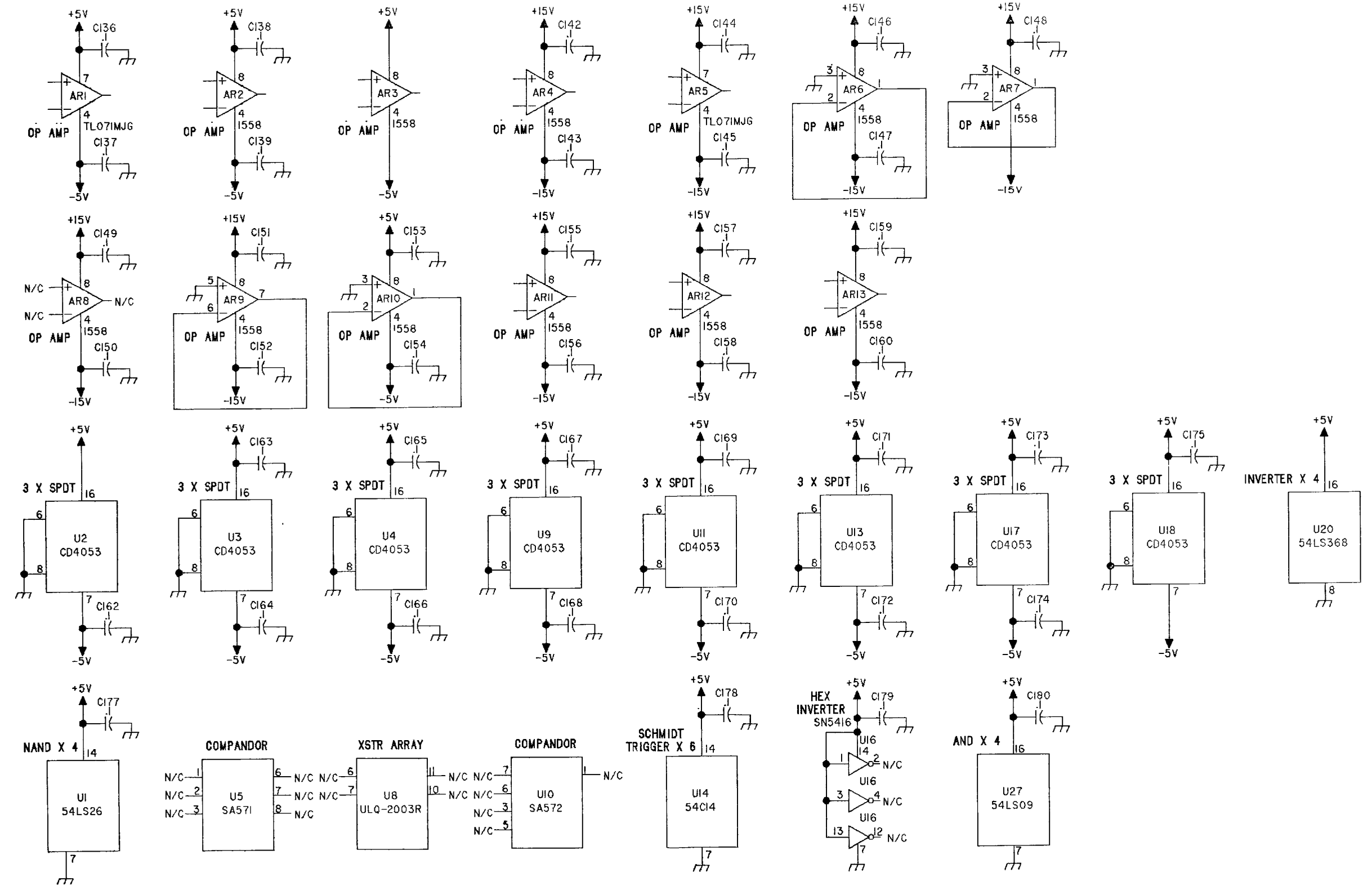






FO-3. EXCITER PWB ASSY, A1A1  
(Sheet 10 of 11)





FO-3. EXCITER PWB ASSY, A1A1  
(Sheet 11 of 11)

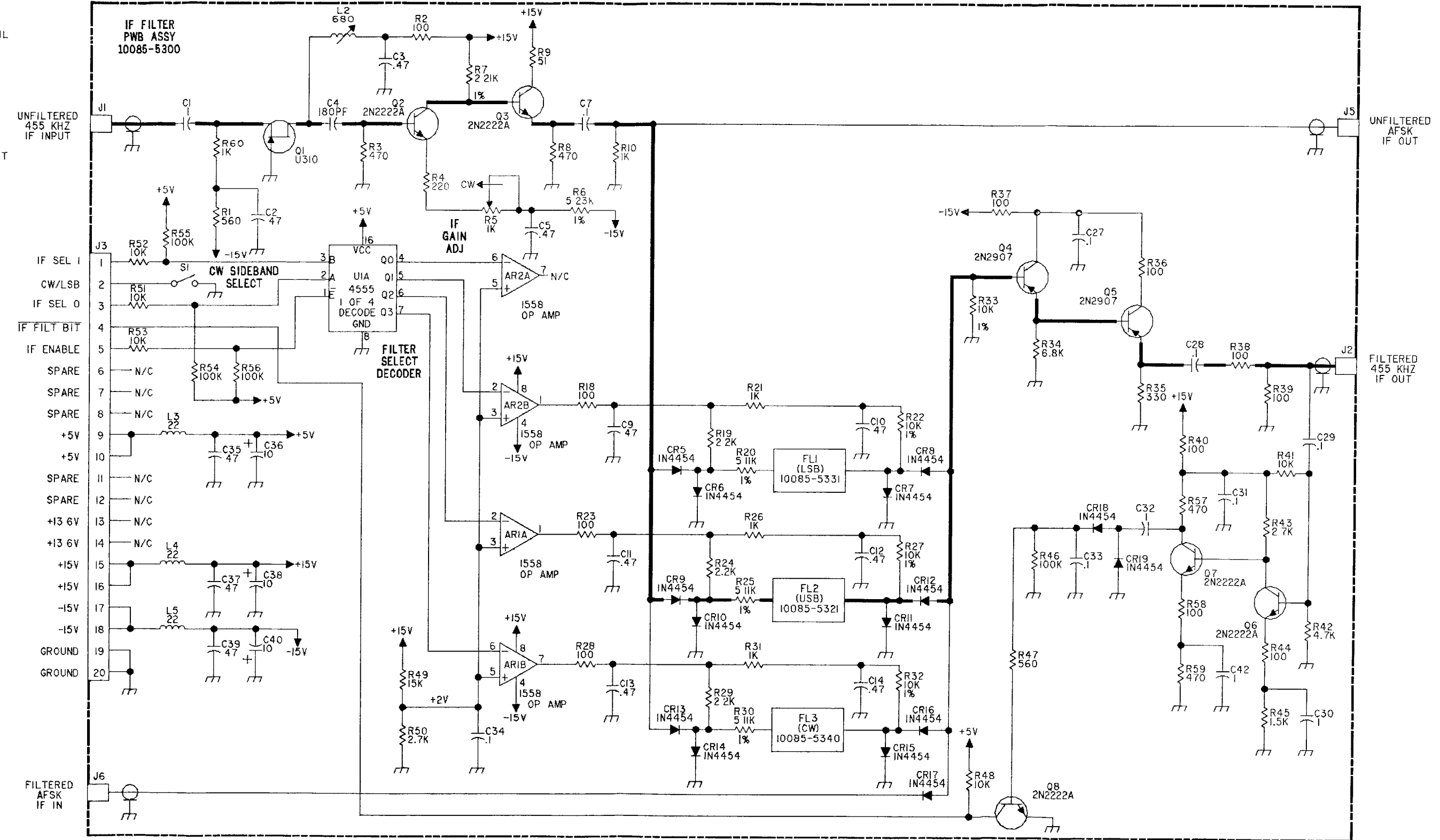
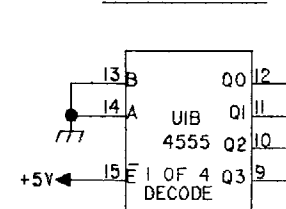


NOTE: UNLESS OTHERWISE SPECIFIED:

1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN FOR DETAIL PARTS. PREFIX THESE WITH UNIT NO. AND/OR ASSEMBLY DESIGNATIONS SHOWN ON DRAWING TO OBTAIN COMPLETE DESIGNATIONS.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ±5%
3. ALL CAPACITOR VALUES ARE IN MICROFARADS (µF).
4. ALL INDUCTANCE VALUES ARE IN MICROHENRIES (µH)
5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST.
6. DC RESISTANCES OF INDUCTIVE ELEMENTS (CHOKES, COILS, MOTOR WINDINGS, ETC.) ARE LESS THAN 1 OHM.
7. PANEL DECALS ARE INDICATED BY BOLD TYPE IN A BOLD BOX, E.G., **ON/OFF**.
8. ALL RELAYS ARE SHOWN IN THE DE-ENERGIZED STATE.

HIGHEST REFERENCE DESIGNATION	
REFERENCE DESIGNATIONS NOT USED	

UNUSED GATES



FO-4. IF FILTER PWB ASSY, A1A2

FP-51(FP-52 Blank)

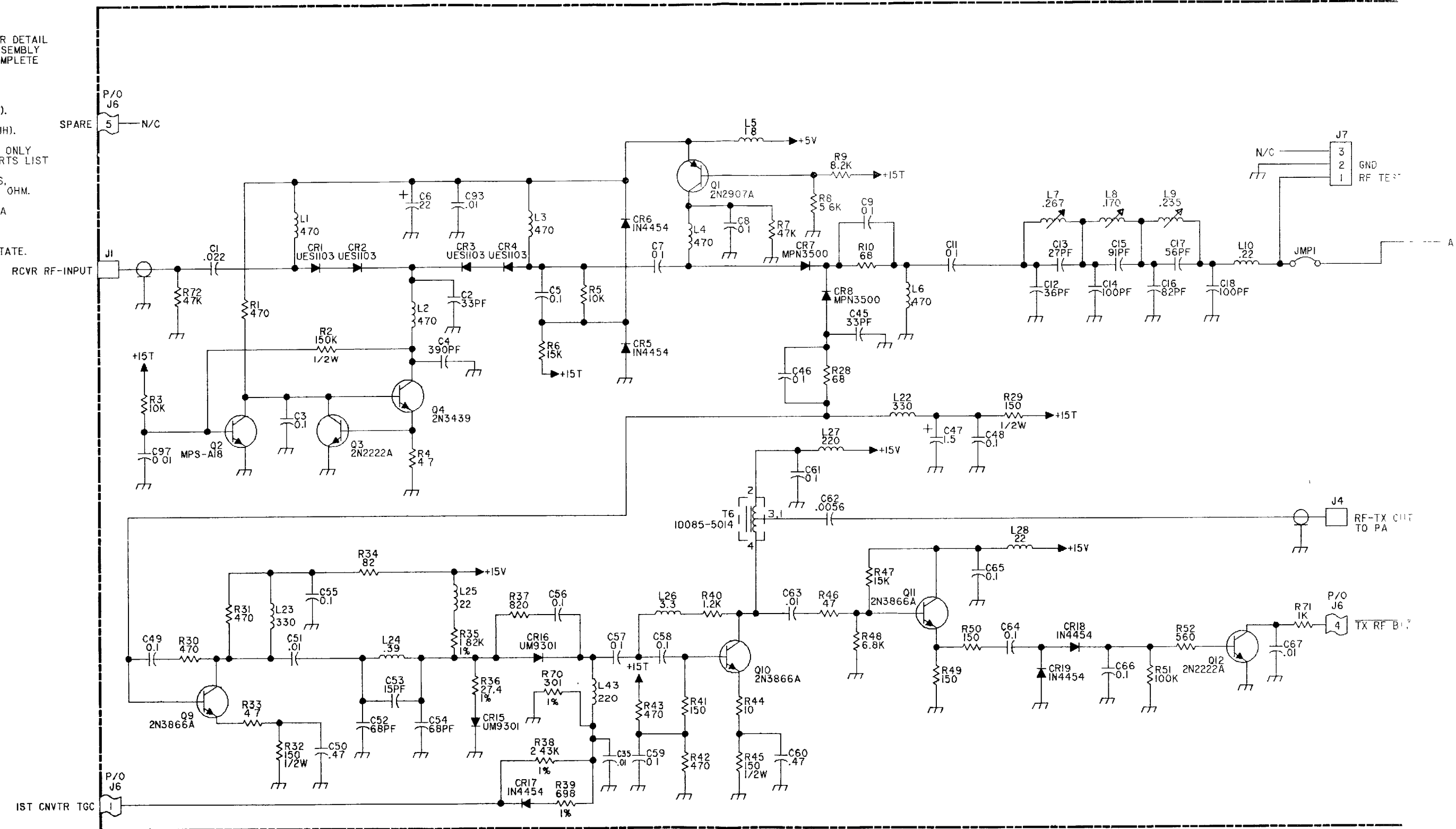




NOTE UNLESS OTHERWISE SPECIFIED:

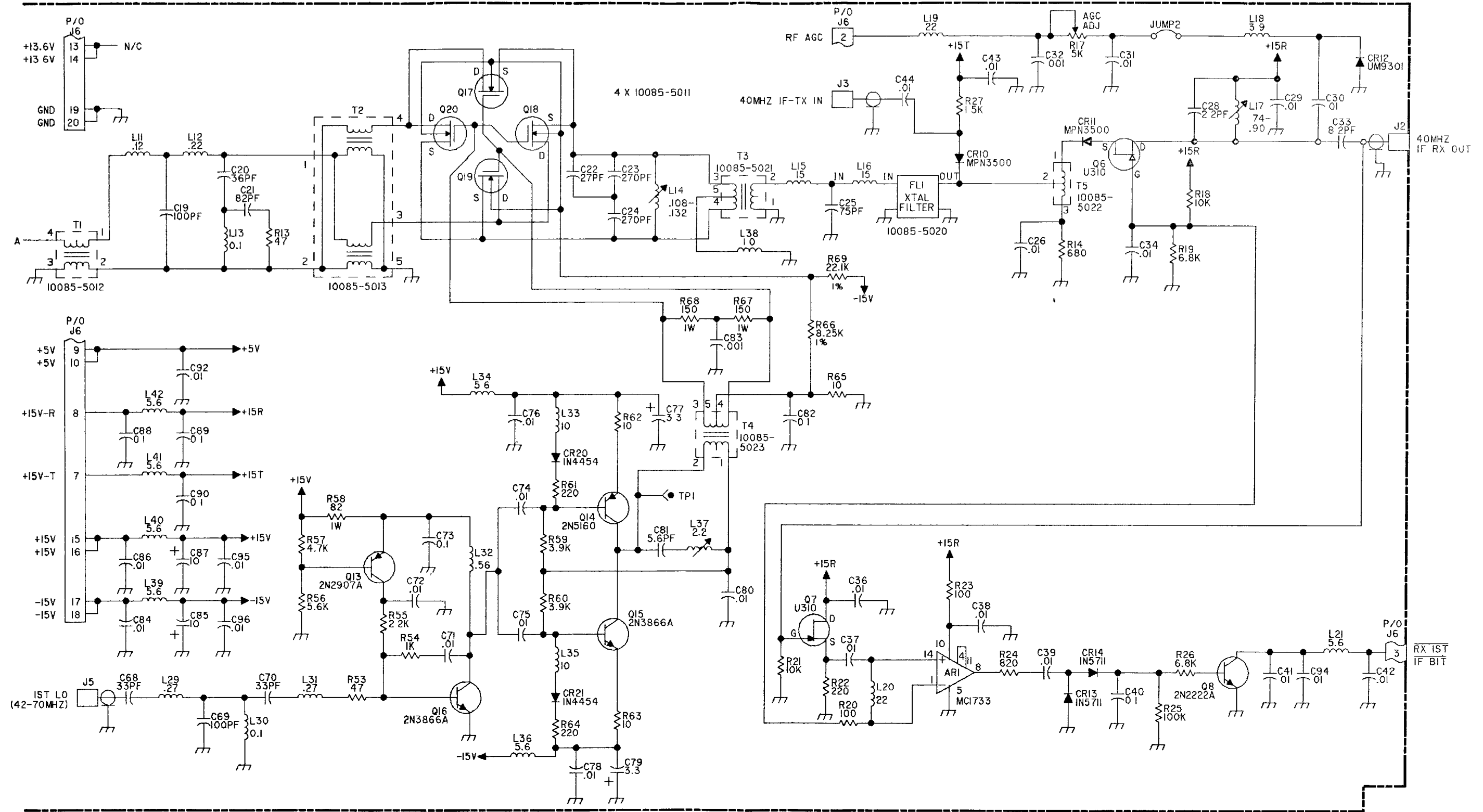
1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN FOR DETAIL PARTS. PREFIX THESE WITH UNIT NO. AND/OR ASSEMBLY DESIGNATIONS SHOWN ON DRAWING TO OBTAIN COMPLETE DESIGNATIONS.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ±5%
3. ALL CAPACITOR VALUES ARE IN MICROFARADS (UF).
4. ALL INDUCTANCE VALUES ARE IN MICROHENRIES (UH).
5. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST.
6. DC RESISTANCES OF INDUCTIVE ELEMENTS (CHOKES, COILS, MOTOR WINDINGS, ETC.) ARE LESS THAN 1 OHM.
7. PANEL DECALS ARE INDICATED BY BOLD TYPE IN A BOLD BOX, E.G., **ON/OFF**
8. ALL RELAYS ARE SHOWN IN THE DE-ENERGIZED STATE.

HIGHEST REFERENCE DESIGNATION				
REFERENCE DESIGNATIONS NOT USED				



FO-5. FIRST CONVERTER PWB ASSY, A1A3 (Sheet 1 of 2)





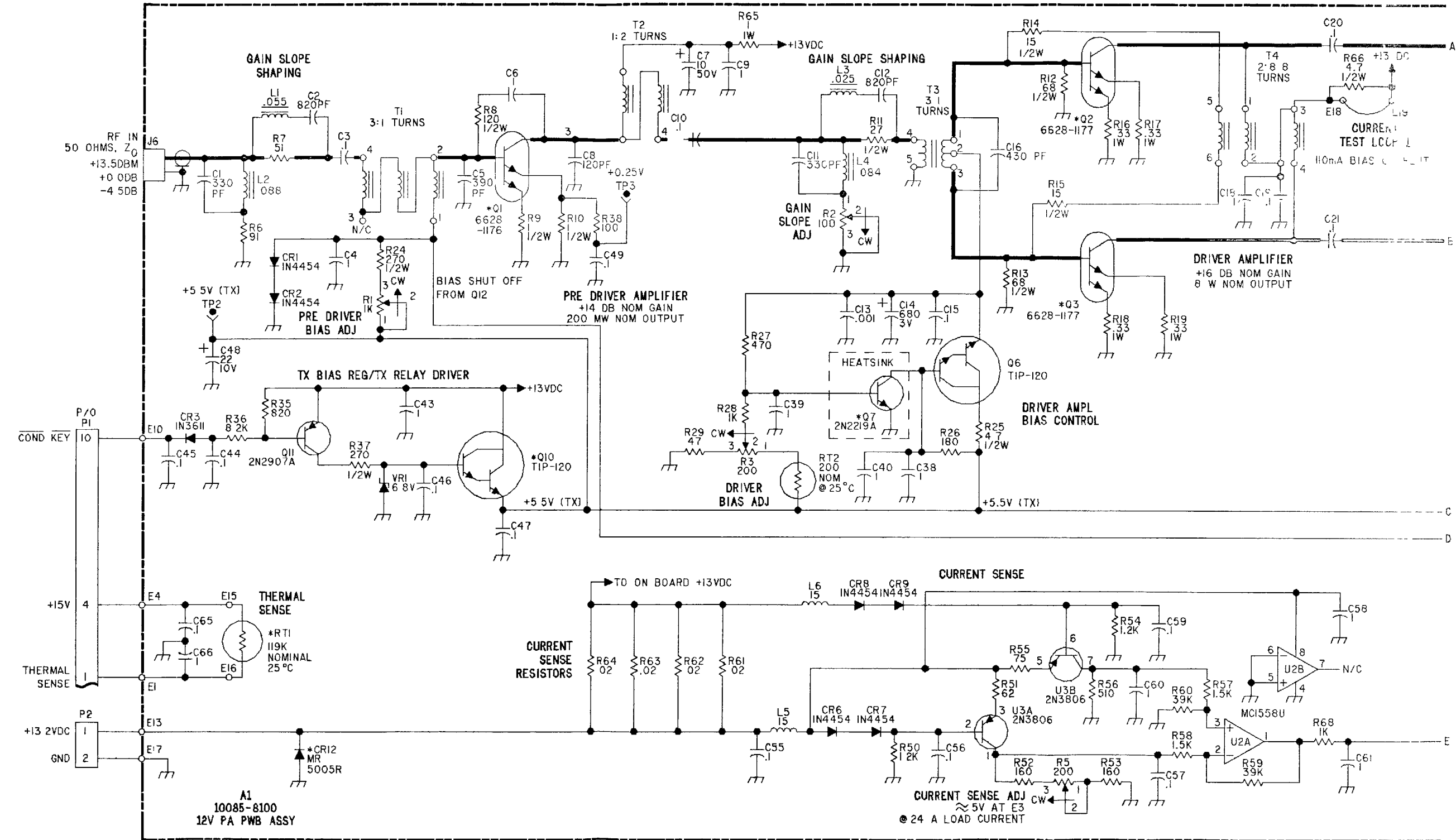
FO-5. FIRST CONVERTER PWB ASSY, A1A3 (Sheet 2 of 2)



NOTE UNLESS OTHERWISE SPECIFIED:

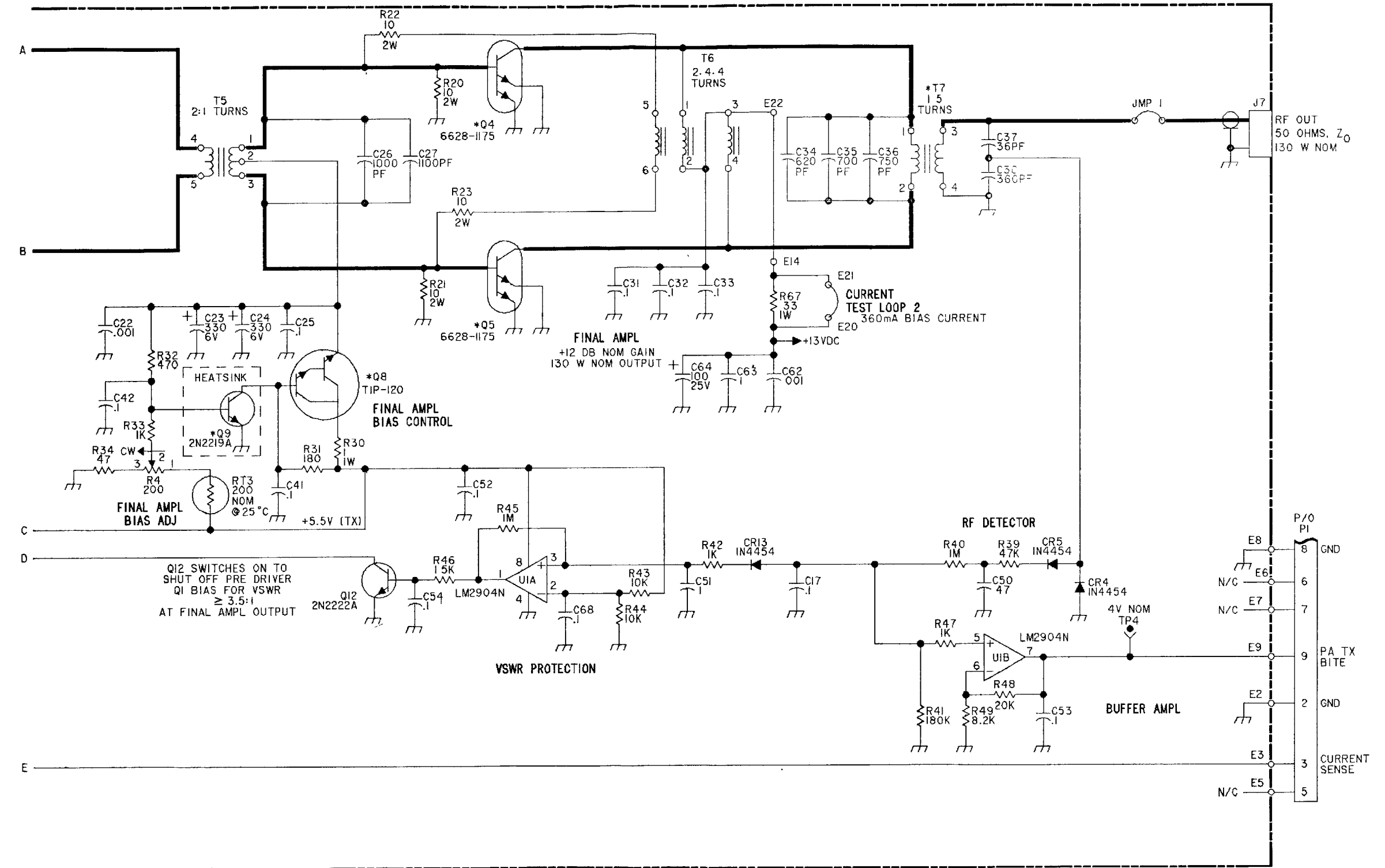
1. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN FOR DETAIL PARTS. PREFIX THESE WITH A1A4 AND/OR ASSEMBLY DESIGNATIONS SHOWN ON DRAWING TO OBTAIN COMPLETE DESIGNATIONS.
2. ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ±5%
3. ALL CAPACITOR VALUES ARE IN MICROFARADS (UF)
4. ALL INDUCTANCE VALUES ARE IN MICROHENRIES (UH)
5. \* DENOTES COMPONENTS WHICH ARE MECHANICALLY MOUNTED TO THE HEATSINK, AND CALLED OUT ON HEATSINK ASSEMBLY
6. WHEN INSTALLING OR REPLACING Q2 AND Q3 OR Q4 AND Q5, INSTALL OR REPLACE THEM IN MATCHED PAIRS.
7. VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST
8. DC RESISTANCES OF INDUCTIVE ELEMENTS (CHOKES, COILS, MOTOR WINDINGS, ETC.) ARE LESS THAN 1 OHM.
9. PANEL DECALS ARE INDICATED BY BOLD TYPE IN A BOLD BOX, E.G. **ON/OFF**

HIGHEST REFERENCE DESIGNATION				
C66	CR13	J7	JMPI	L6
P1	Q12	R68	T7	TP4
U3	VRI	E22	RT3	
REFERENCE DESIGNATIONS NOT USED				
C28	C29	CR10	CR11	J1
J2	J3	J4	J5	TP1



FO-6. POWER AMPLIFIER PWB ASSY, A1A4A1 (Sheet 1 of 2)





FO-6. POWER AMPLIFIER PWB ASSY, A1A4A1 (Sheet 2 of 2)



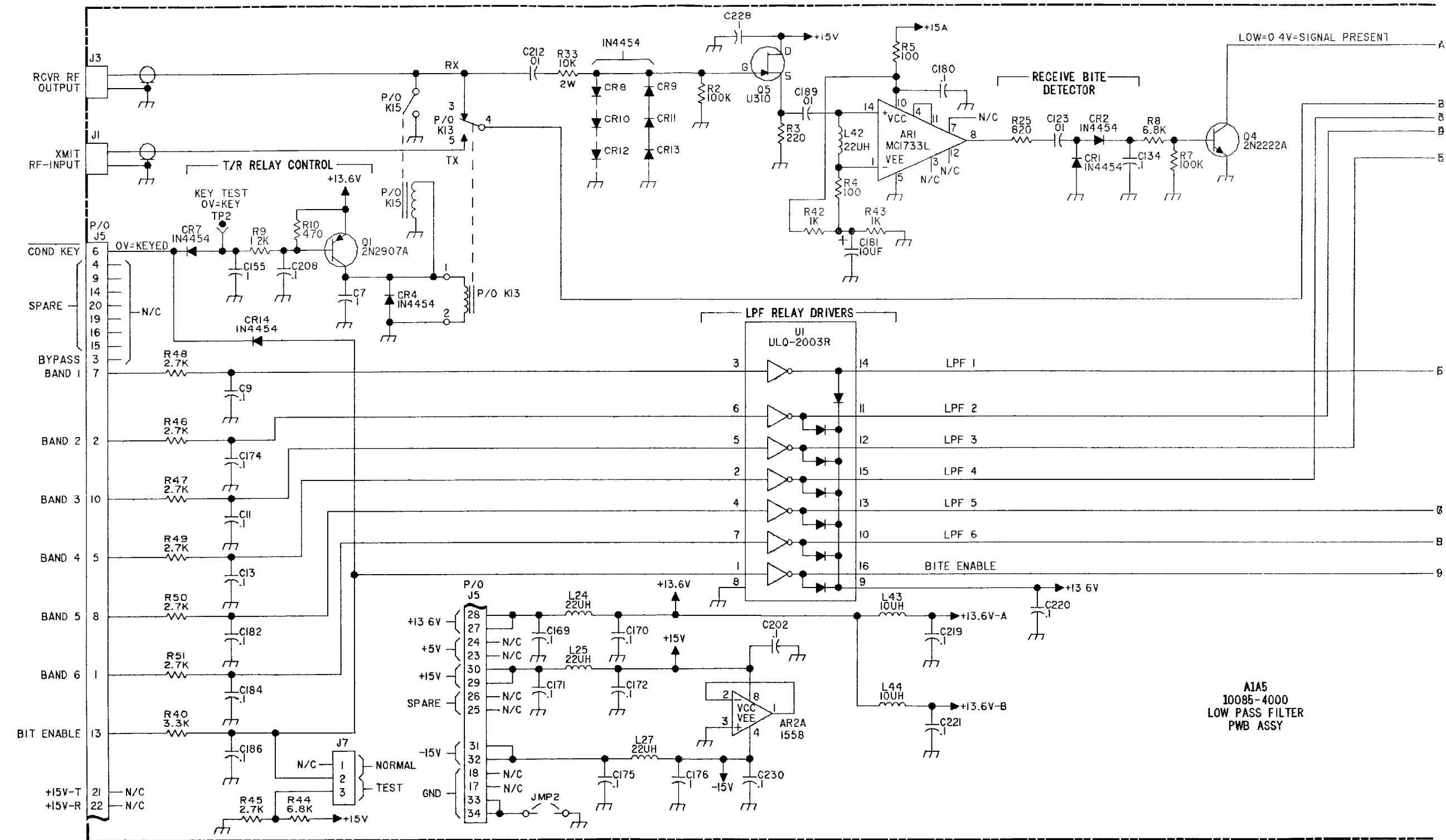


NOTE: UNLESS OTHERWISE SPECIFIED:

- PARTIAL REFERENCE DESIGNATIONS ARE SHOWN FOR DETAIL PARTS. PREFIX THESE WITH UNIT NO. AND/OR ASSEMBLY DESIGNATIONS SHOWN ON DRAWING TO OBTAIN COMPLETE DESIGNATIONS.
- ALL RESISTOR VALUES ARE IN OHMS, 1/4W, ±5%
- ALL CAPACITOR VALUES ARE IN PICOFARADS (PF).
- ALL INDUCTANCE VALUES ARE IN MICROHENRIES (UH).
- VENDOR PART NO. CALLOUTS ARE FOR REFERENCE ONLY. COMPONENTS ARE SUPPLIED PER PART NO. IN PARTS LIST.
- DC RESISTANCES OF INDUCTIVE ELEMENTS (CHOKES, COILS, MOTOR WINDINGS, ETC.) ARE LESS THAN 1 OHM.
- PANEL DECALS ARE INDICATED BY BOLD TYPE IN A BOLD BOX, E.G., **ON/OFF**
- ALL RELAYS ARE SHOWN IN THE DE-ENERGIZED STATE.

HIGHEST REFERENCE DESIGNATION					
AR2	C231	CR13	E9	J6	
K14	L48	Q5	R39	RT1	
REFERENCE DESIGNATIONS NOT USED					
C2	C163	C164	C165	C166	
C167	C168	C182	C193	C195	

HIGHEST REFERENCE DESIGNATION				
TI	TP4	UI	Y1	
REFERENCE DESIGNATIONS NOT USED				
C197	C201	C205	C229	L19
L28	L29	L30	L45	R30



FO-7 LOW PASS FILTER PWB ASSY, A1A5 (Sheet 1 of 4)

