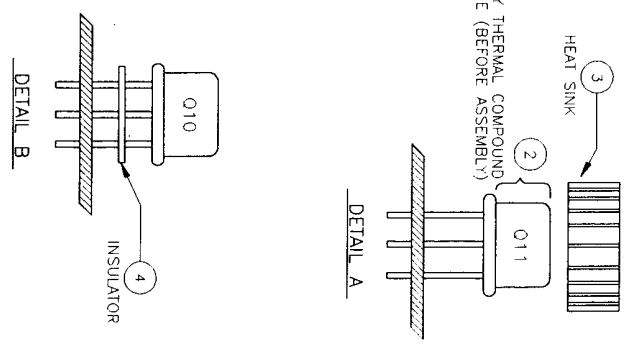
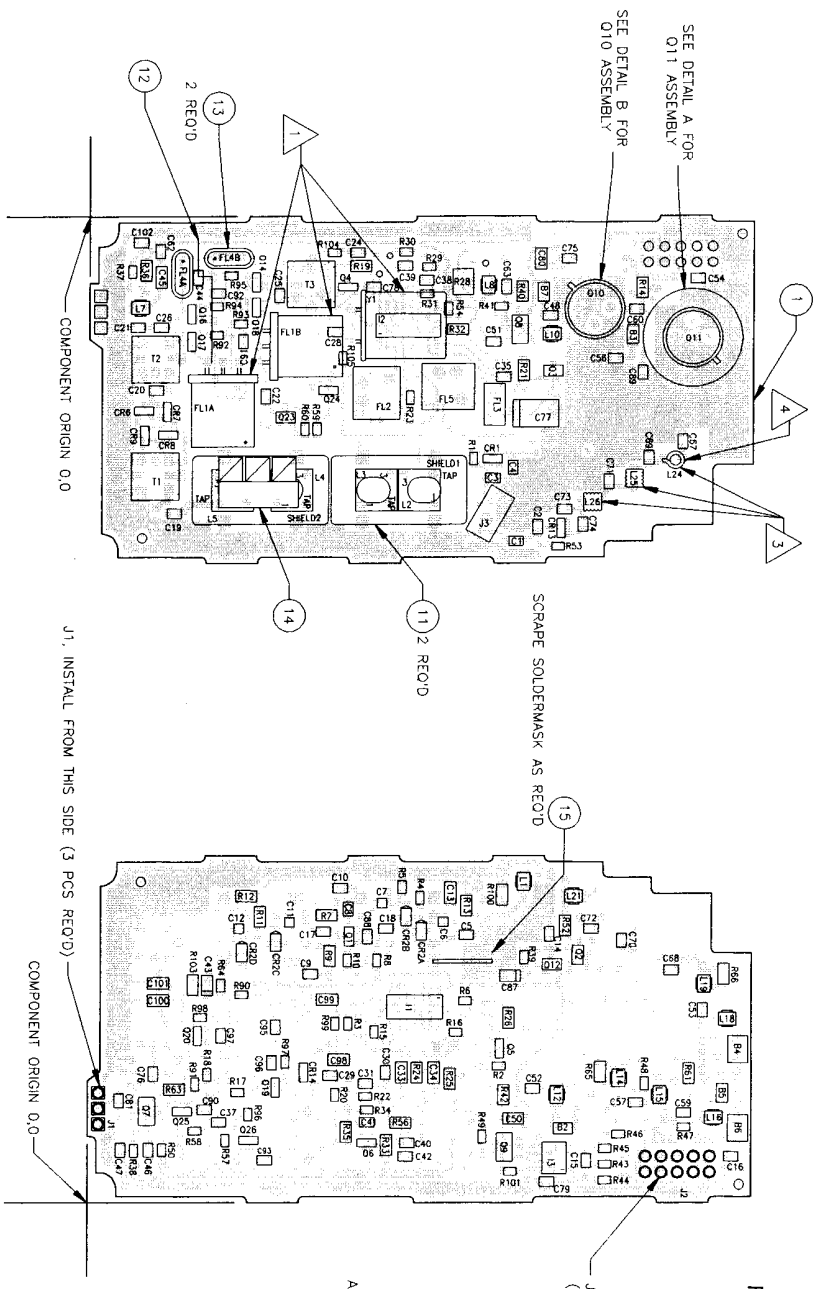




ILLUSTRATED PARTS LIST

EPH SERIES VHF RADIO

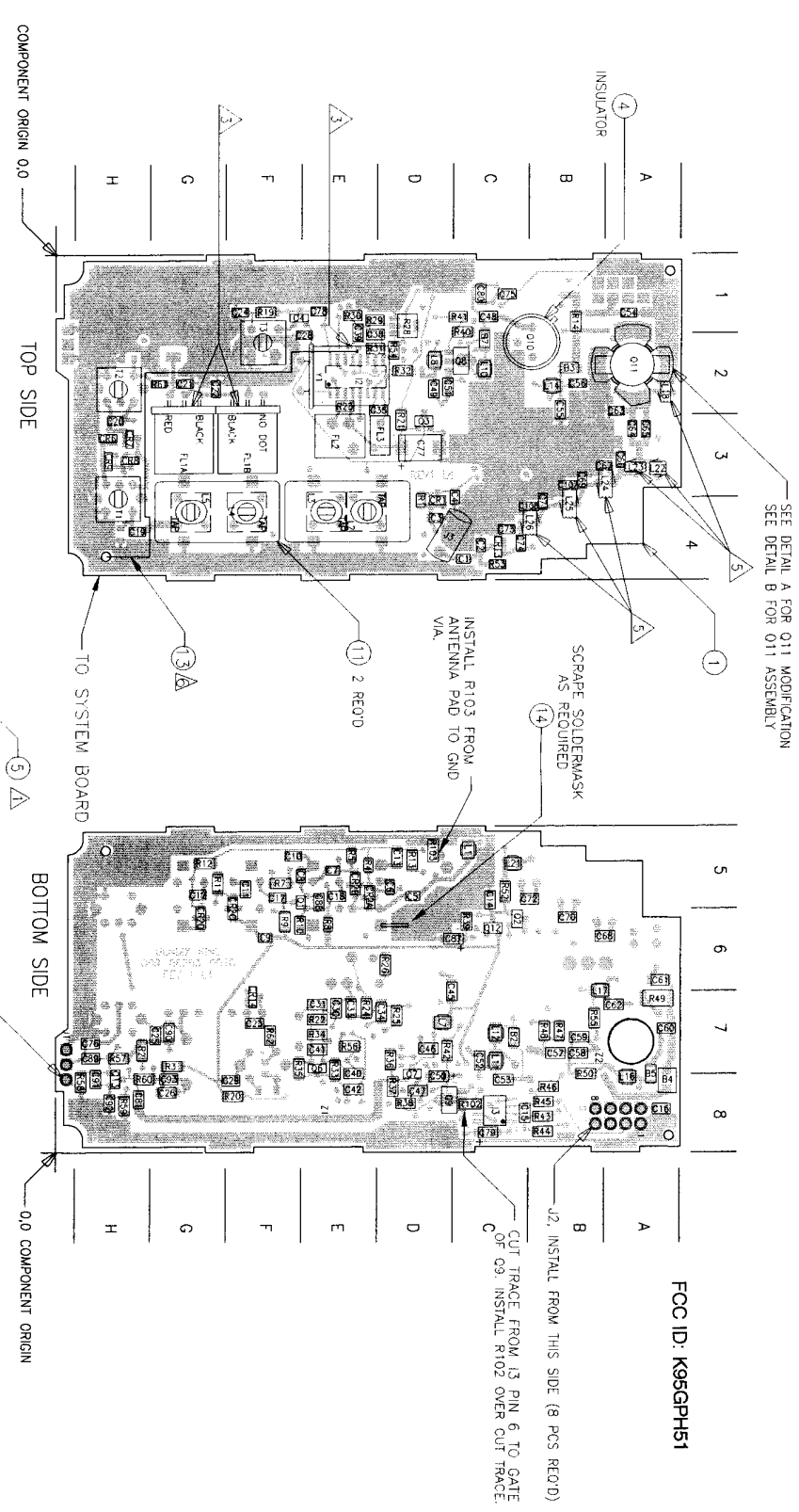
FCC ID: K95GPH51



- NOTES: UNLESS OTHERWISE SPECIFIED:
- △ AFFIXING FOLDED DOWN PARTS:
    - Y1: USE FOAM TAPE ITM 10
    - FL1B: USE FOAM TAPE ITM 9
    - FL1A: USE FOAM TAPE ITM 8
  - 2. UNUSED PADS ARE RESERVED FOR ALTERNATE USE.
  - △ MOUNT COILS FLUSH TO BOARD SURFACE.
  - △ COMPONENT ORIENTATION IS CRITICAL.
  - 5. TOP SOLDERPASTE LAYER (0009-5705-907) IS AT REV. B AND BOTTOM SOLDERPASTE LAYER (0009-5705-908) IS AT REV. B

ILLUSTRATED PARTS LIST

EPH SERIES VHF RADIO



SEE DETAIL A FOR 011 MODIFICATION  
SEE DETAIL B FOR 011 ASSEMBLY

FCC ID: K95GPH51

- NOTES: UNLESS OTHERWISE SPECIFIED:
- ▲ SOLDER ADAPTOR (ITEM 5) TO METALIZED SURFACE OF Q11
  - ▲ SOLDER "FEET" OF GND LUG (ITEM 12) TO EMITTER LEADS OF 011 2 PLCS.
  - ▲ AFFIXING FOLDED DOWN PARTS:
  - ▲ 11: USE FOAM TAPE ITM 10
  - ▲ FL1A: USE FOAM TAPE ITM 9 (BEND LEADS 0.060 FROM BOTTOM OF FILTER)
  - ▲ FL1B: USE FOAM TAPE ITM 8 (BEND LEADS 0.060 FROM BOTTOM OF FILTER)
  - ▲ 4 ALL REFERENCE DESIGNATORS ARE PRECEDED BY THE NO. 10.
  - ▲ MOUNT COILS FLUSH TO BOARD SURFACE

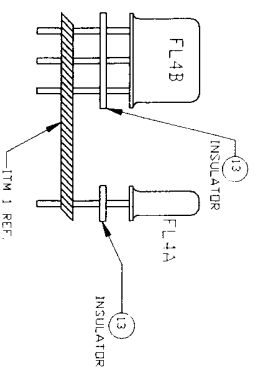
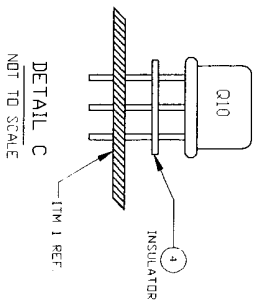
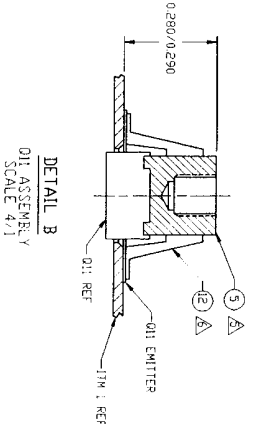
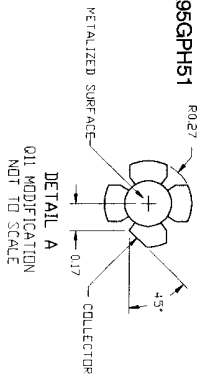
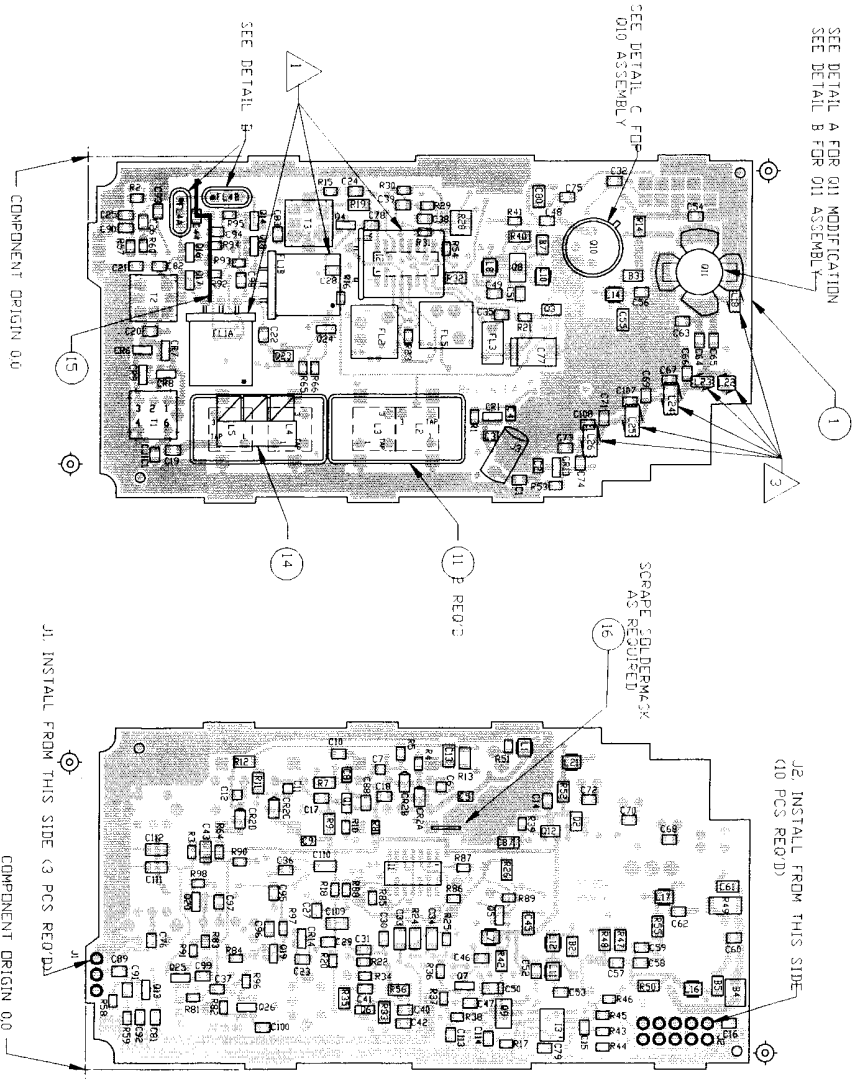
DETAIL A  
011 MODIFICATION

DETAIL B  
011 ASSEMBLY  
SCALE 4/1

ILLUSTRATED PARTS LIST

EPH SERIES VHF RADIO

FCC ID: K95GPH51



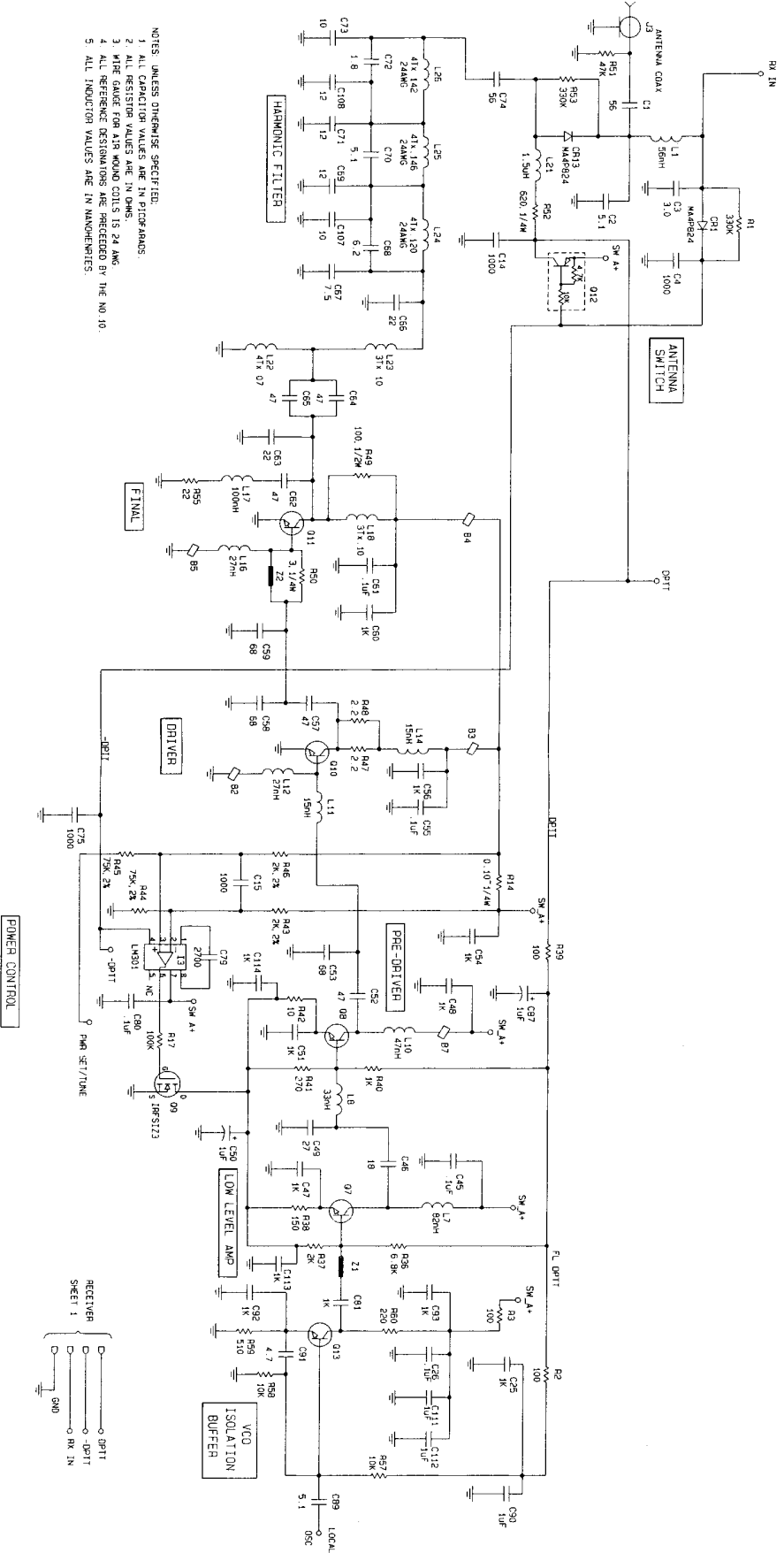
NOTES: UNLESS OTHERWISE SPECIFIED:  
1. TOP SOLDERPASTE FILM NO. 0039-05705-407 REV A  
BOTTOM SOLDERPASTE FILM NO. 0009-05705-408 REV A

DETAIL D  
NOT TO SCALE

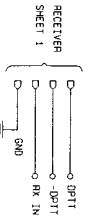
ILLUSTRATED PARTS LIST

EPH SERIES VHF RADIO

FCC ID: K95GPH51



- NOTES: UNLESS OTHERWISE SPECIFIED:
1. ALL CAPACITOR VALUES ARE IN PICOFARADS.
  2. ALL RESISTOR VALUES ARE IN OHMS.
  3. WIRE GAUGE FOR AIR WOUND COILS IS 24 AWG.
  4. ALL REFERENCE DESIGNATORS ARE PRECEDED BY THE NO. 10.
  5. ALL INDUCTOR VALUES ARE IN NANOHENRIES.

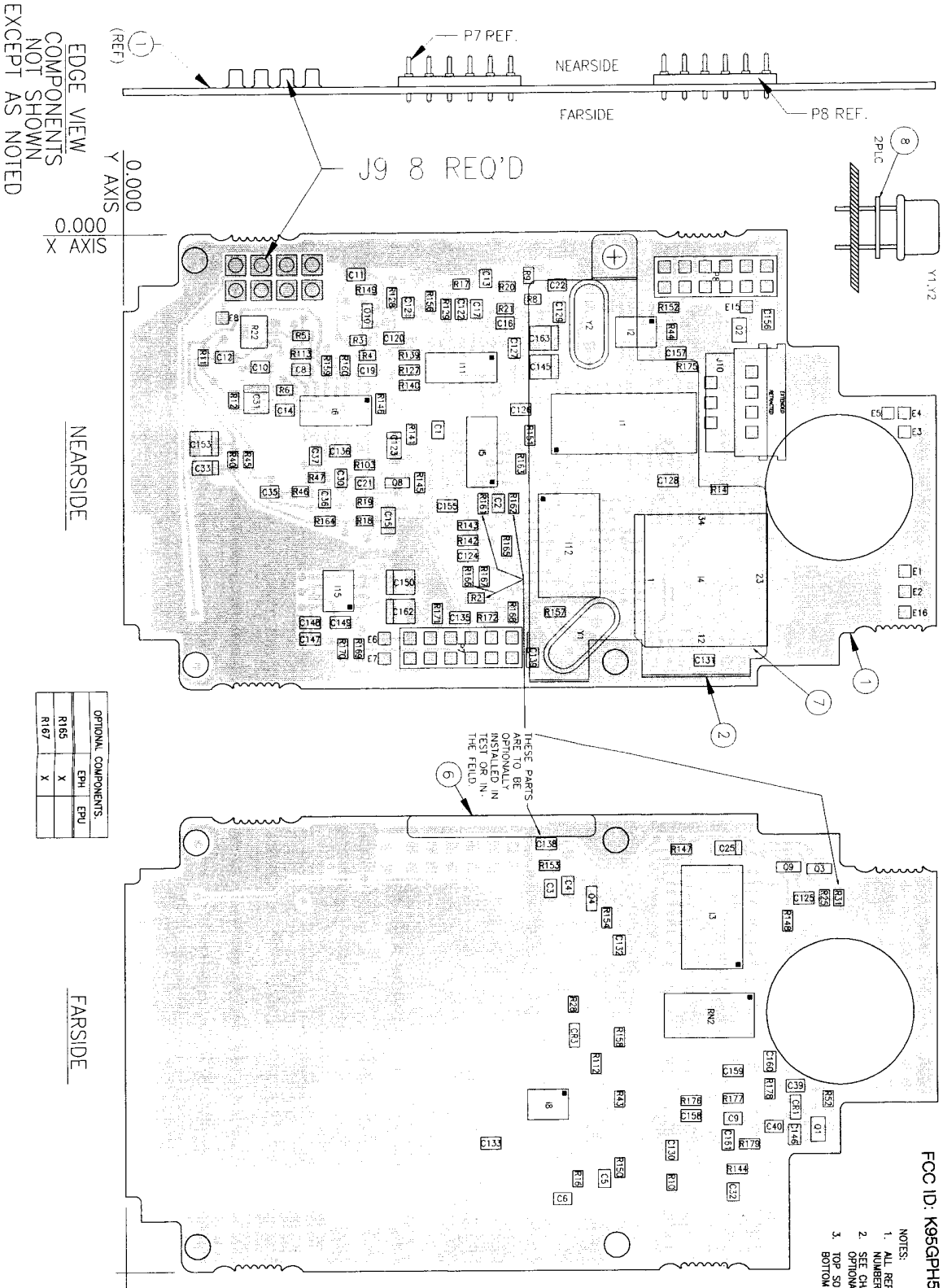


ILLUSTRATED PARTS LIST

EPH SERIES VHF RADIO

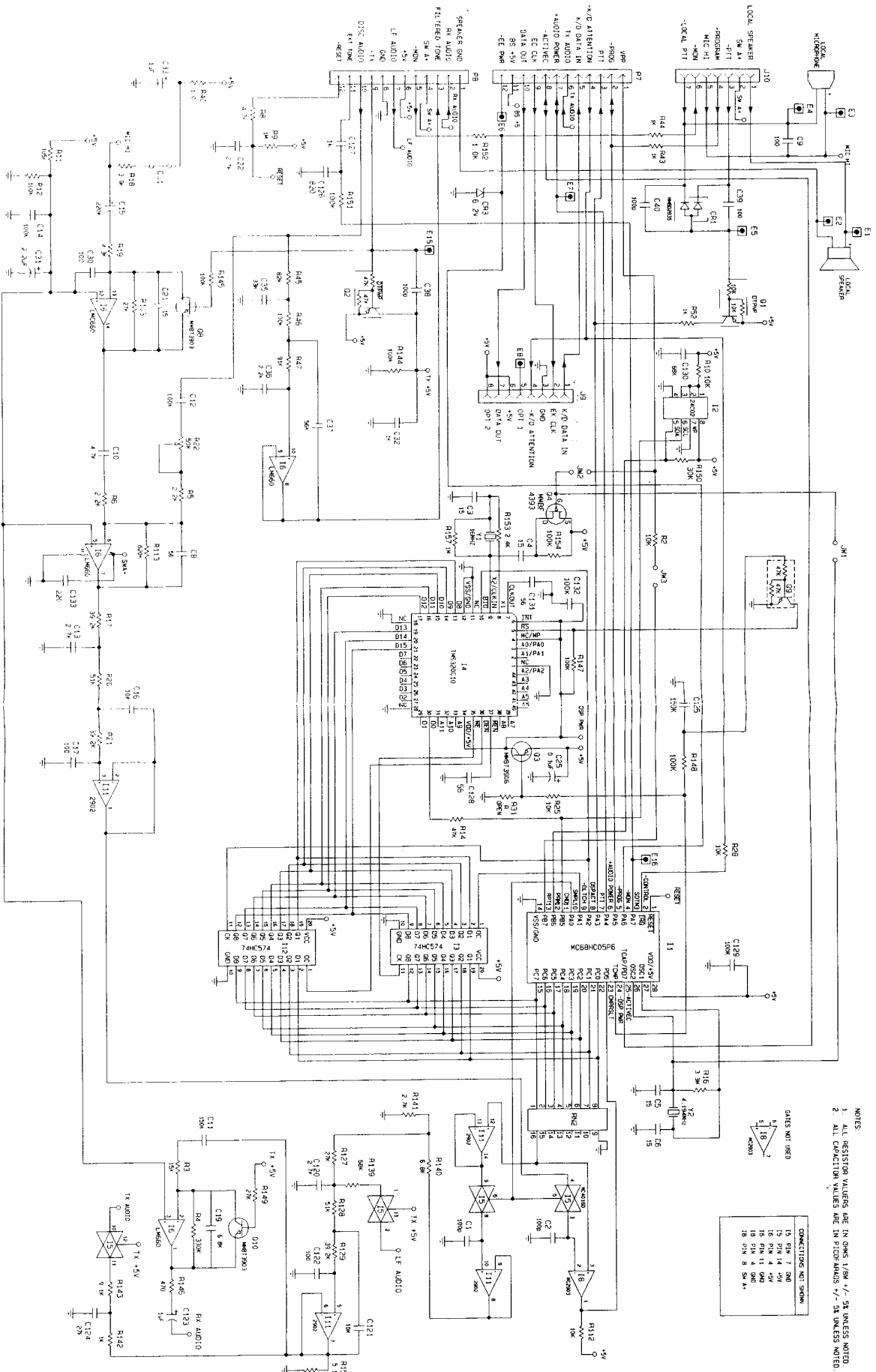
FCC ID: K85GPH51

- NOTES:
1. ALL REFERENCE DESIGNATORS ARE PRECEDED BY THE NUMBER 90 FOR EXAMPLE C34 IS 90C34.
  2. SEE CHART BELOW FOR DISTRIBUTION OF ALL OPTIONAL COMPONENTS.
  3. TOP SOLDERPASTE FILM: 0009-6706-217, REV A. BOTTOM SOLDERPASTE FILM: 0009-6706-218, REV A.



EDGE VIEW COMPONENTS NOT SHOWN EXCEPT AS NOTED





- NOTES
1. ALL RESISTOR VALUES ARE IN OHMS / $\Omega$ W / $\Omega$ W / $\Omega$ W UNLESS NOTED.
  2. ALL CAPACITOR VALUES ARE IN PICOFARADS / $\mu$ F / $\mu$ F UNLESS NOTED.

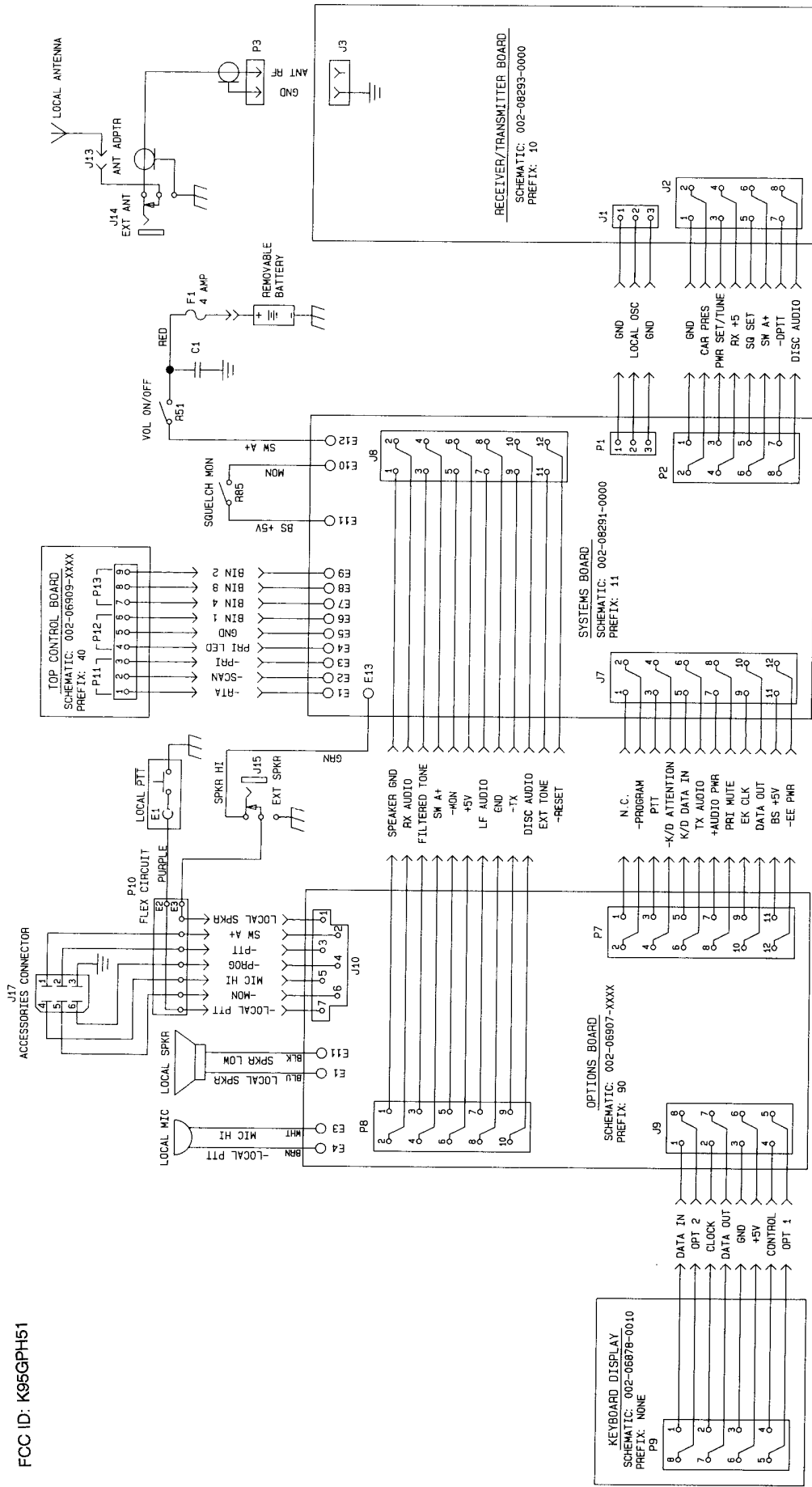
CONNECTIONS NOT SHOWN

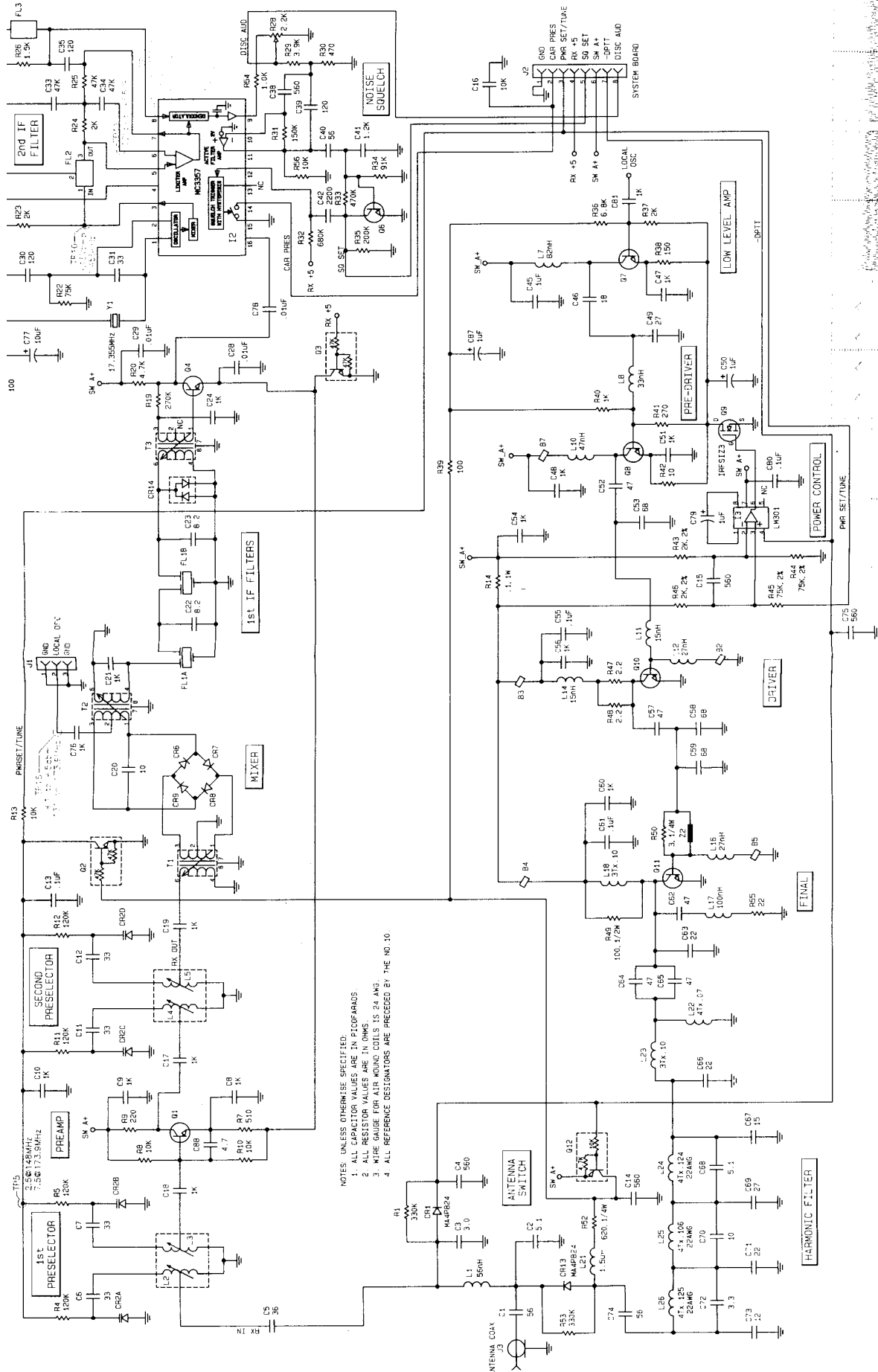
15	FIN 7	20K
16	FIN 4	4.7K
17	FIN 11	20K
18	FIN 11	20K
19	FIN 4	4.7K
20	FIN 3	5K

ONES NOT USED

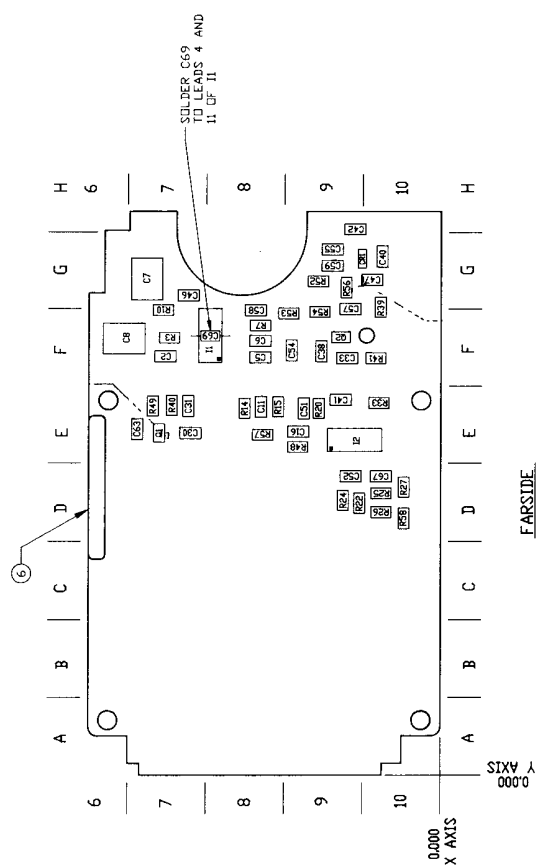
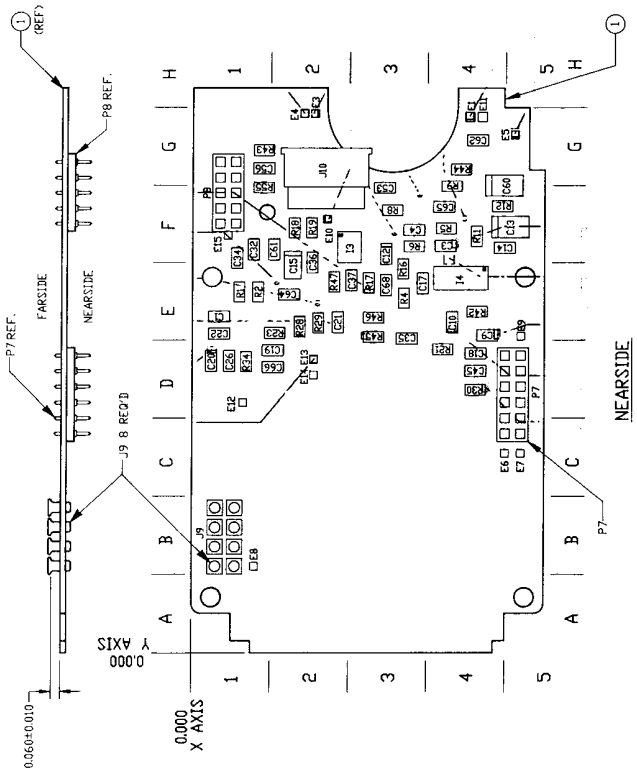
1	1.8K
2	280K



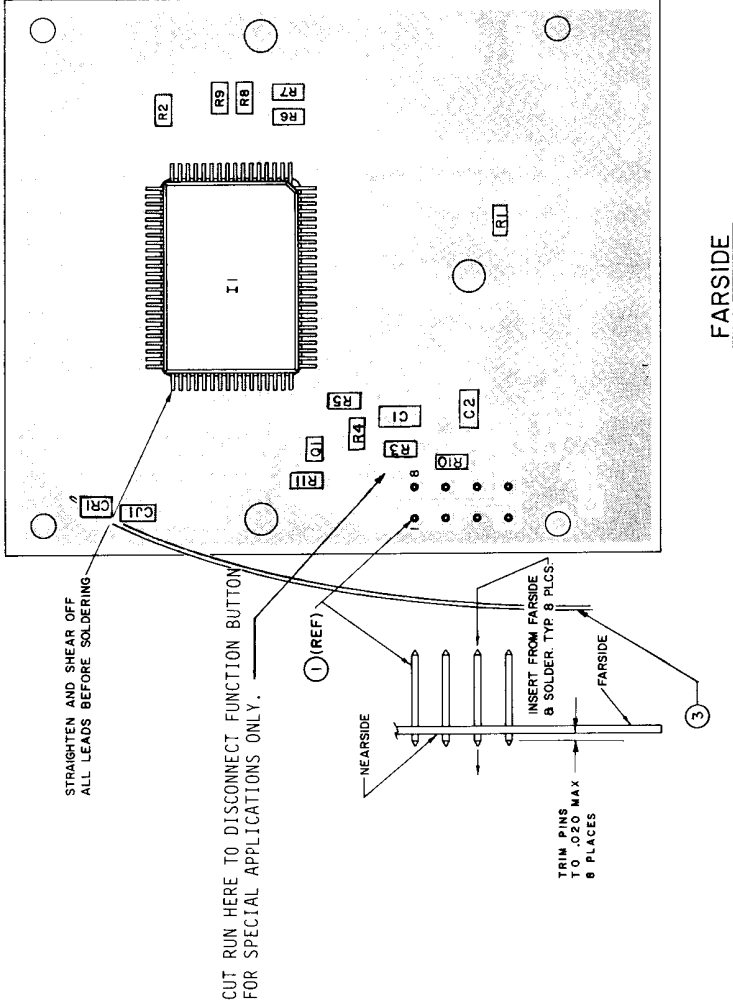
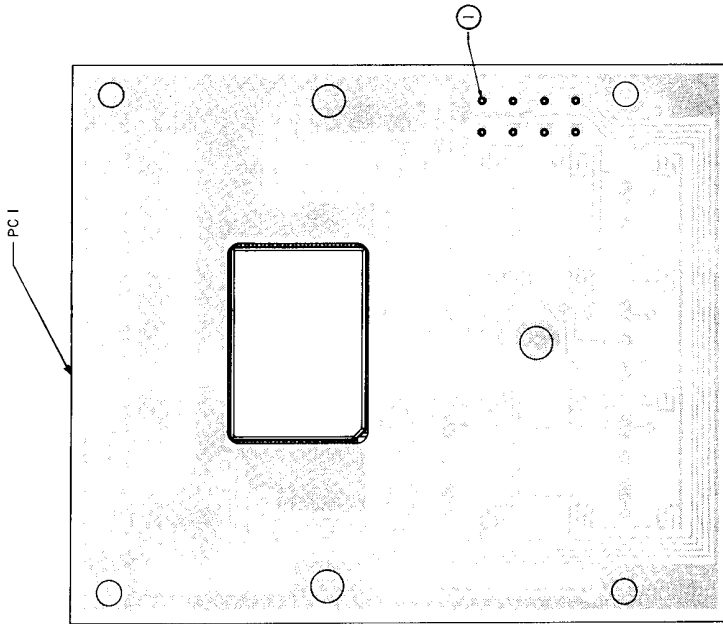




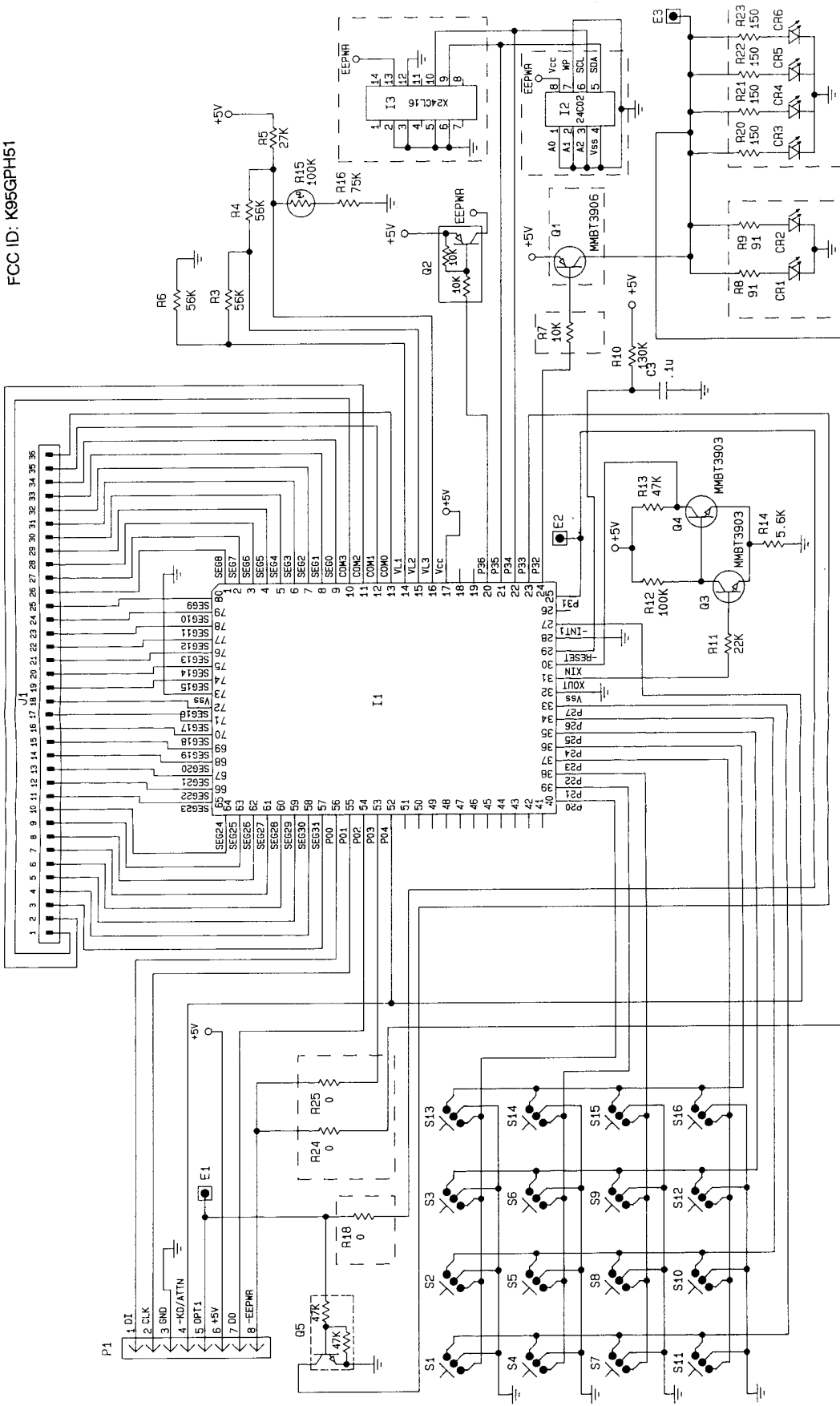
NOTES: UNLESS OTHERWISE SPECIFIED:  
 1. ALL CAPACITOR VALUES ARE IN PICOFARADS  
 2. ALL RESISTOR VALUES ARE IN OHMS.  
 3. MIRE GAUGE FOR AIR WOUND COILS IS 24 AWG.  
 4. ALL REFERENCE DESIGNATORS ARE PRECEDED BY THE NO. 10.



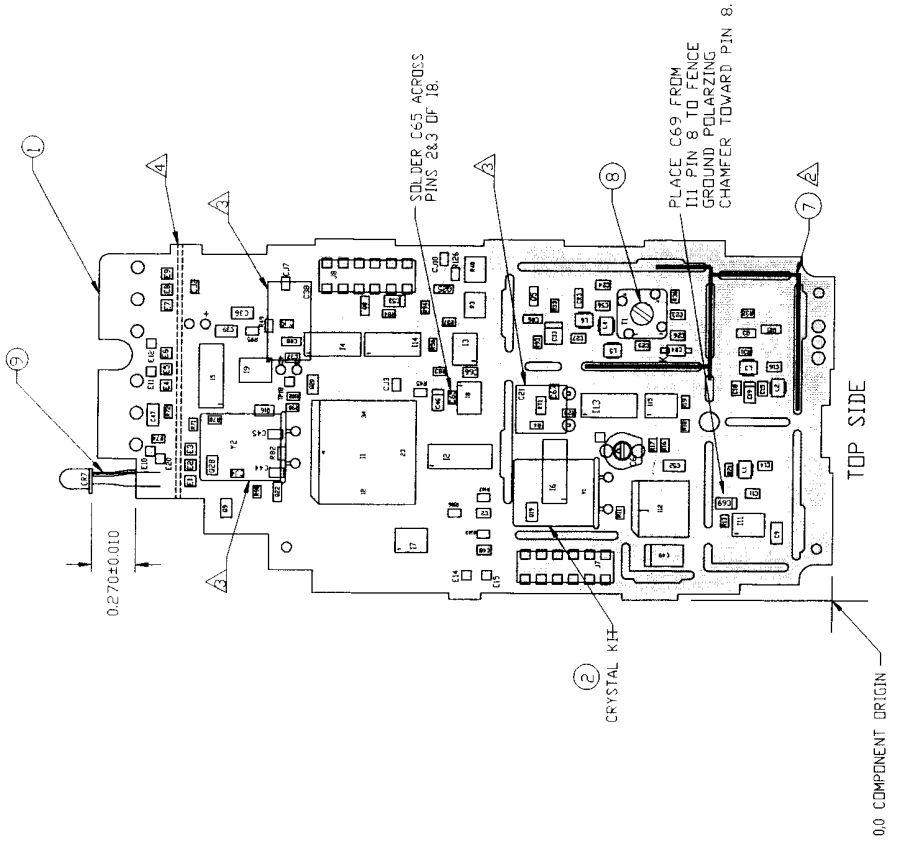
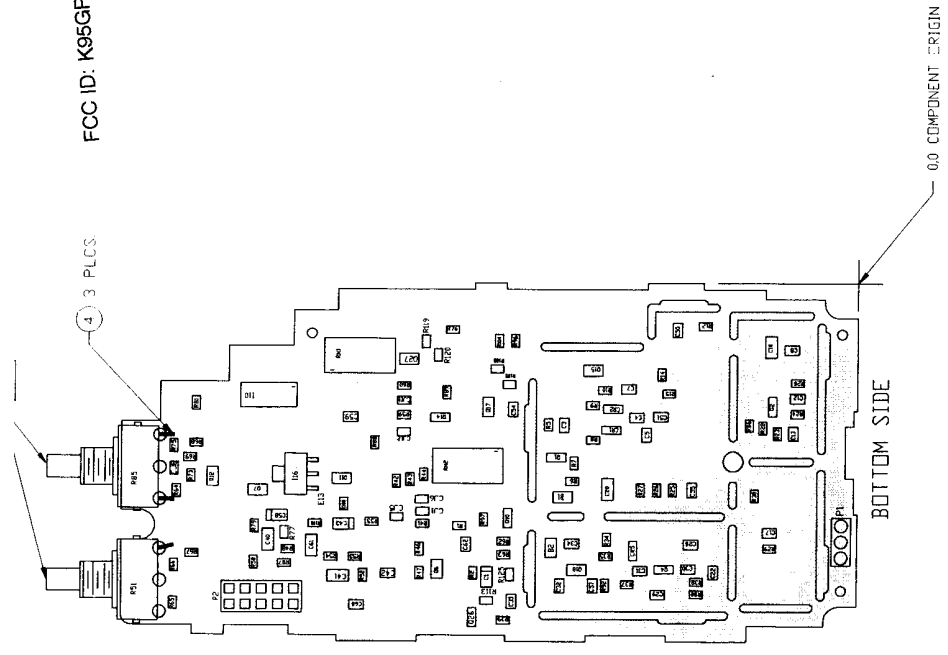
NOTES:  
 1. ALL REFERENCE DESIGNATORS ARE PRECEDED BY THE NUMBER 90, FOR EXAMPLE C34 IS 90C34.







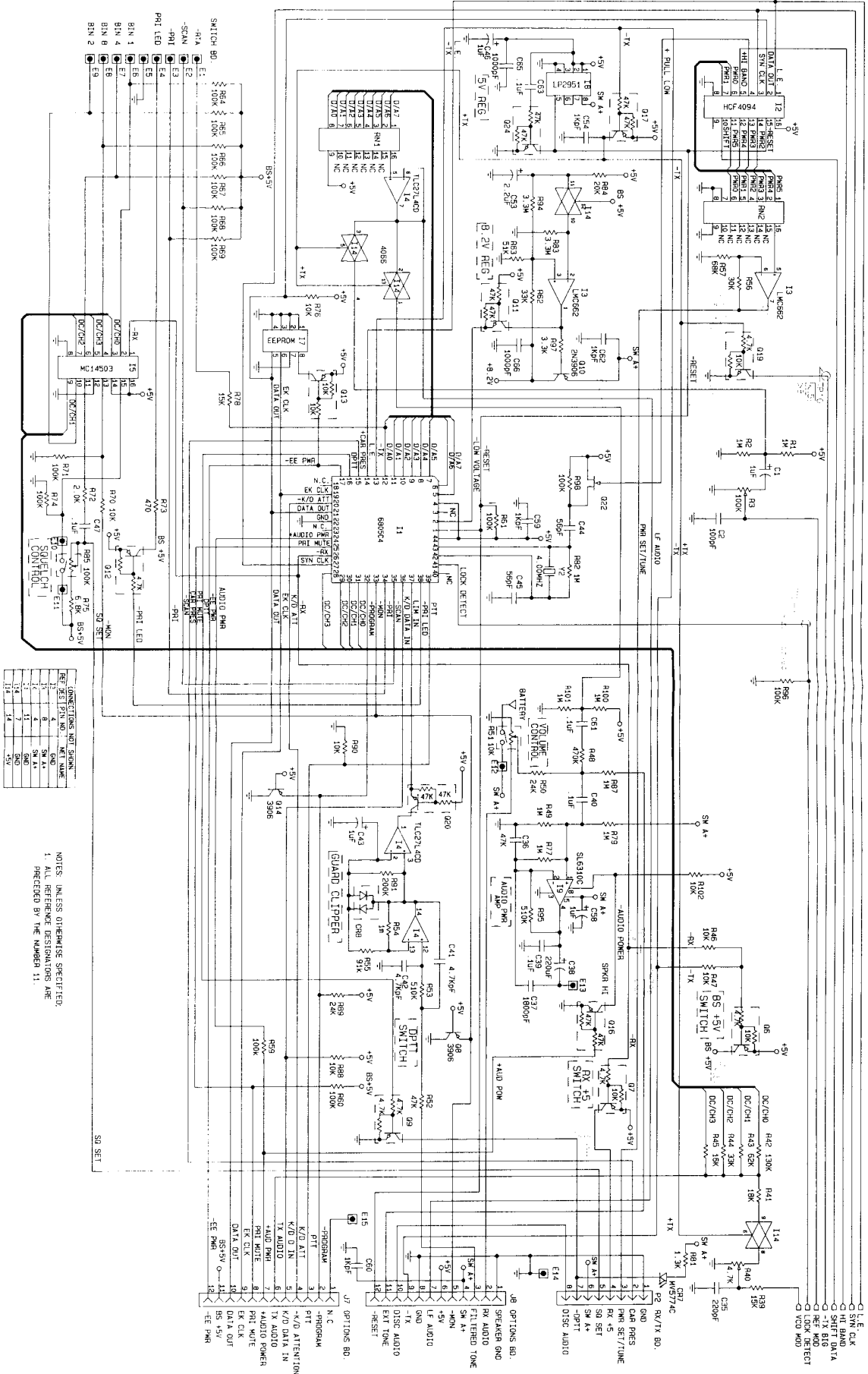




NOTES: UNLESS OTHERWISE SPECIFIED:

- 1. TRIM ENDS OF SWITCH SPRING WIRES FLUSH OR BELOW TOP OF SWITCH BODY. SWITCHES WILL BE MOUNTED .031 IN. ABOVE BOARD SURFACE.
- 2. SNAP FENCE ASSY (ITEM 7) INTO BOARD SLOTS FROM TOP SIDE. MAKE SURE THE BOTTOM EDGE OF FENCE REMAINS FLUSH WITH BOARD SURFACE WHILE SOLDERING.
- 3. AFFIXING FOLDED DOWN PARTS (Y1,Y2,C21,C38):
  - Y1 & C21: USE ELASTOMERIC (ITEM 5)
  - C38: USE FOAM TAPE (ITEM 3)
  - Y2: USE FOAM TAPE (ITEM 6).
- 4. LOCATION OF CONTROL PCB ASSY.
- 5. TOP SOLDERPASTE FILM NO: 0009-6706-107, REV. B.
- 6. BOTTOM SOLDERPASTE FILM NO: 0009-6706-108, REV. B.

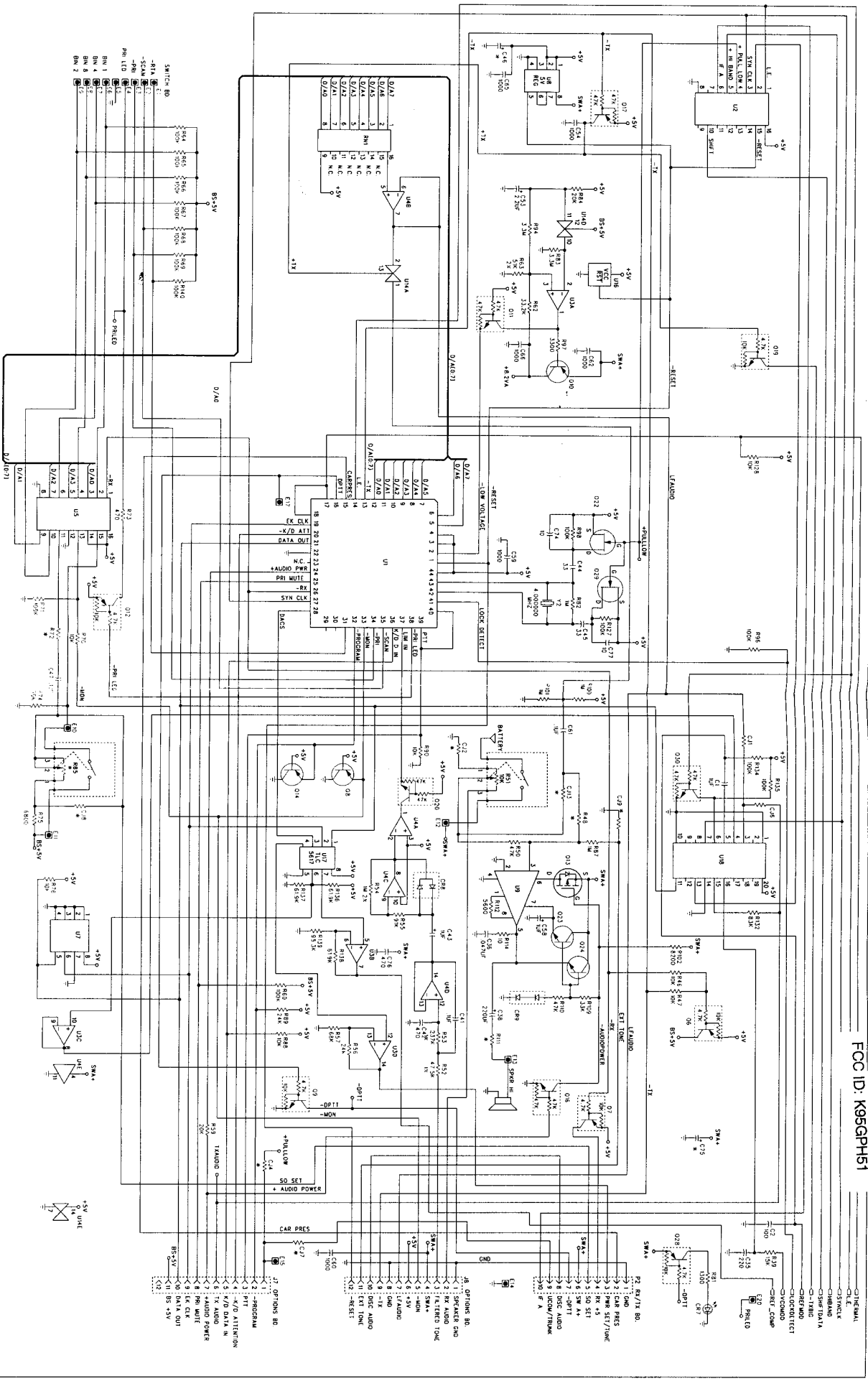




REF. DES. / PART NO.	QTY	NET VALUE
1	1	1.33
2	1	1.33
3	1	1.33
4	1	1.33
5	1	1.33
6	1	1.33
7	1	1.33
8	1	1.33
9	1	1.33
10	1	1.33
11	1	1.33
12	1	1.33
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91	1	1.33
92	1	1.33
93	1	1.33
94	1	1.33
95	1	1.33
96	1	1.33
97	1	1.33
98	1	1.33
99	1	1.33
100	1	1.33

NOTES: UNLESS OTHERWISE SPECIFIED, ALL REFERENCE DESIGNATORS ARE PRECEDED BY THE NUMBER 11.

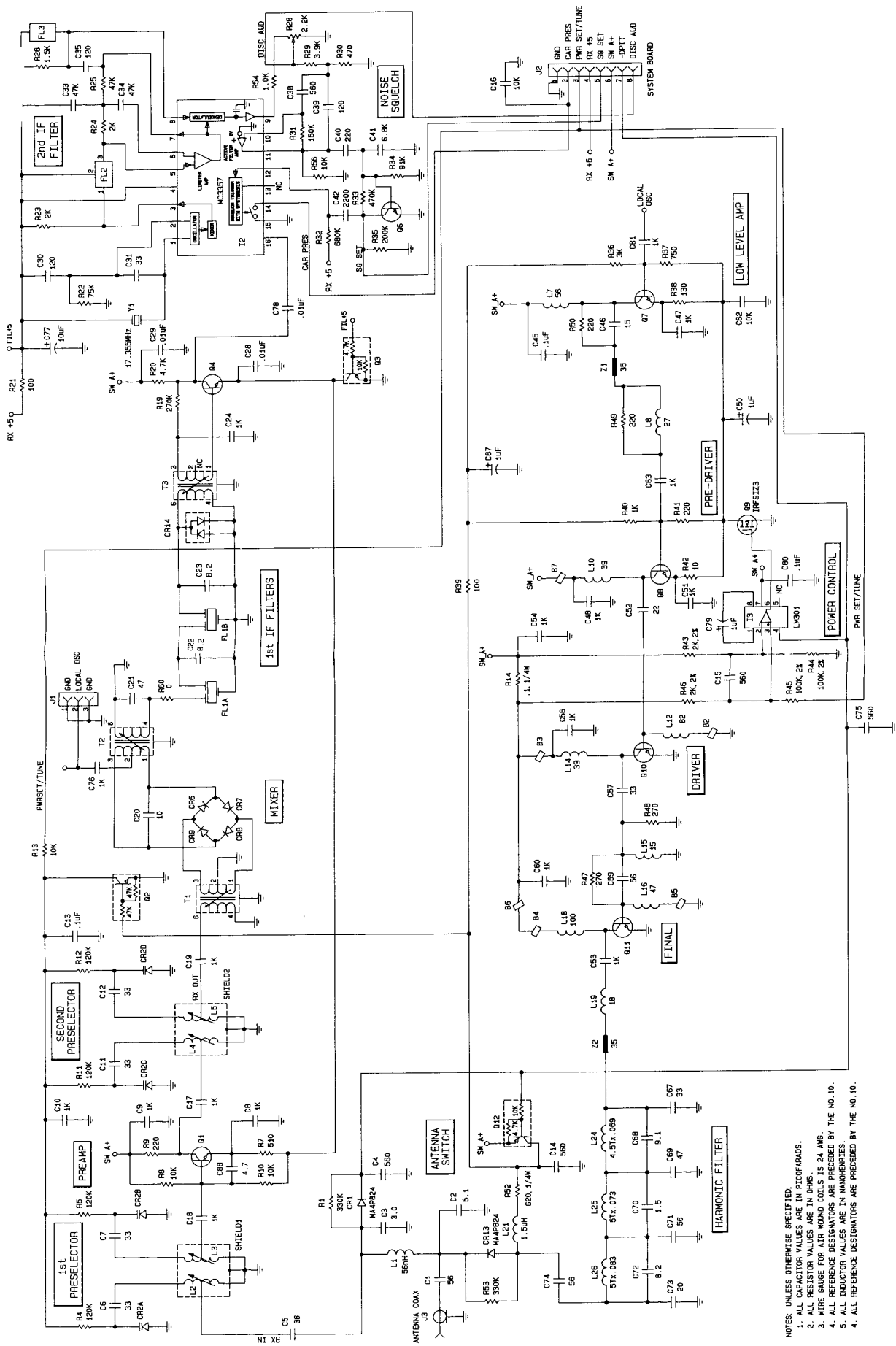




1. OPTIONS BD  
 2. SPEAKER DR  
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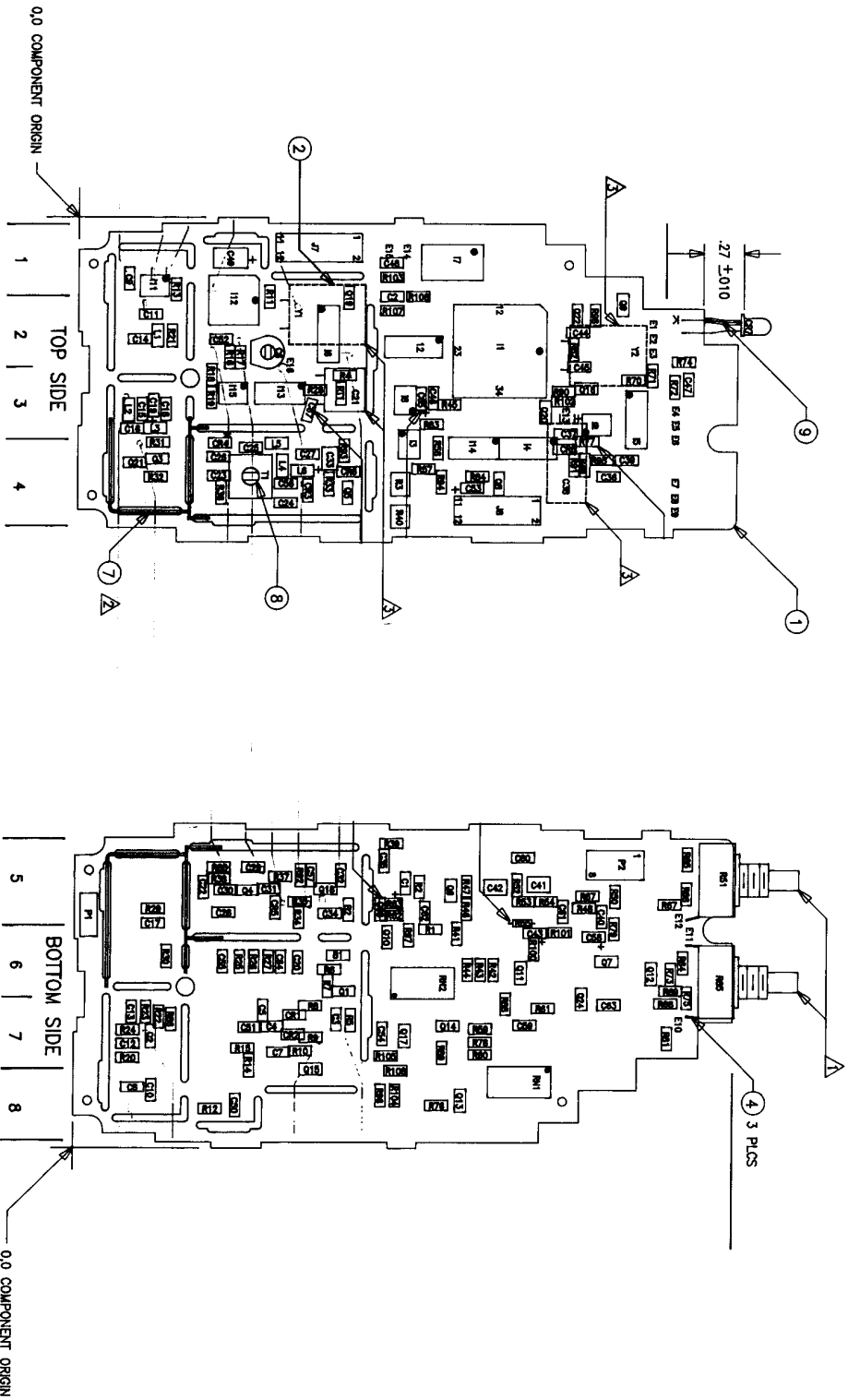
1 2 7





- NOTES: UNLESS OTHERWISE SPECIFIED:
1. ALL CAPACITOR VALUES ARE IN PICOFARADS.
  2. ALL RESISTOR VALUES ARE IN OHMS.
  3. WIRE GAUGE FOR AIR WOUND COILS IS 24 AWG.
  4. ALL REFERENCE DESIGNATORS ARE PRECEDED BY THE NO.10.
  5. ALL INDUCTOR VALUES ARE IN MICROHENRS.
  6. ALL REFERENCE DESIGNATORS ARE PRECEDED BY THE NO.10.





- NOTES: UNLESS OTHERWISE SPECIFIED:
- △ TRAIL ENDS OF SWITCH SPRING WIRES FLUSH OR BELOW TOP OF SWITCH BODY. SWITCHES WILL BE MOUNTED .031 IN. ABOVE BOARD SURFACE.
  - △ SNAP FENCE ASSY (TM 7) INTO BOARD SLOTS FROM TOP SIDE. MAKE SURE THE BOTTOM EDGE OF FENCE REMAINS FLUSH WITH BOARD SURFACE WHILE SOLDERING.
  - △ APPLYING FOLDED DOWN PARTS (Y1, Y2, C21, C38).
  - Y1 & C21: USE ELASTOMERIC (TM 3)
  - C38: USE FOAM TAPE (TM 5)
  - Y2: USE FOAM TAPE (TM 6).

