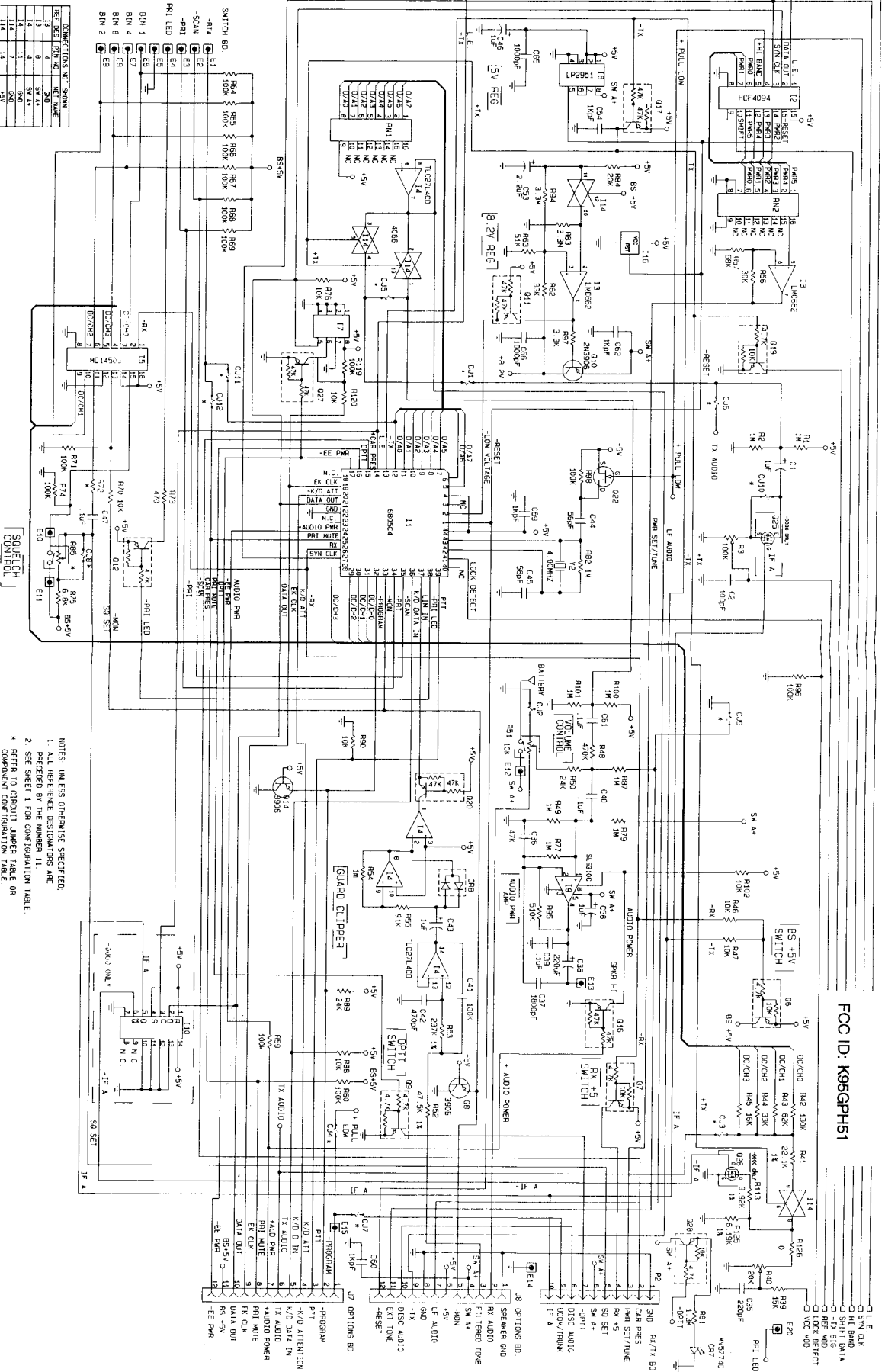


ILLUSTRATED PARTS LIST

EPH SERIES VHF RADIO

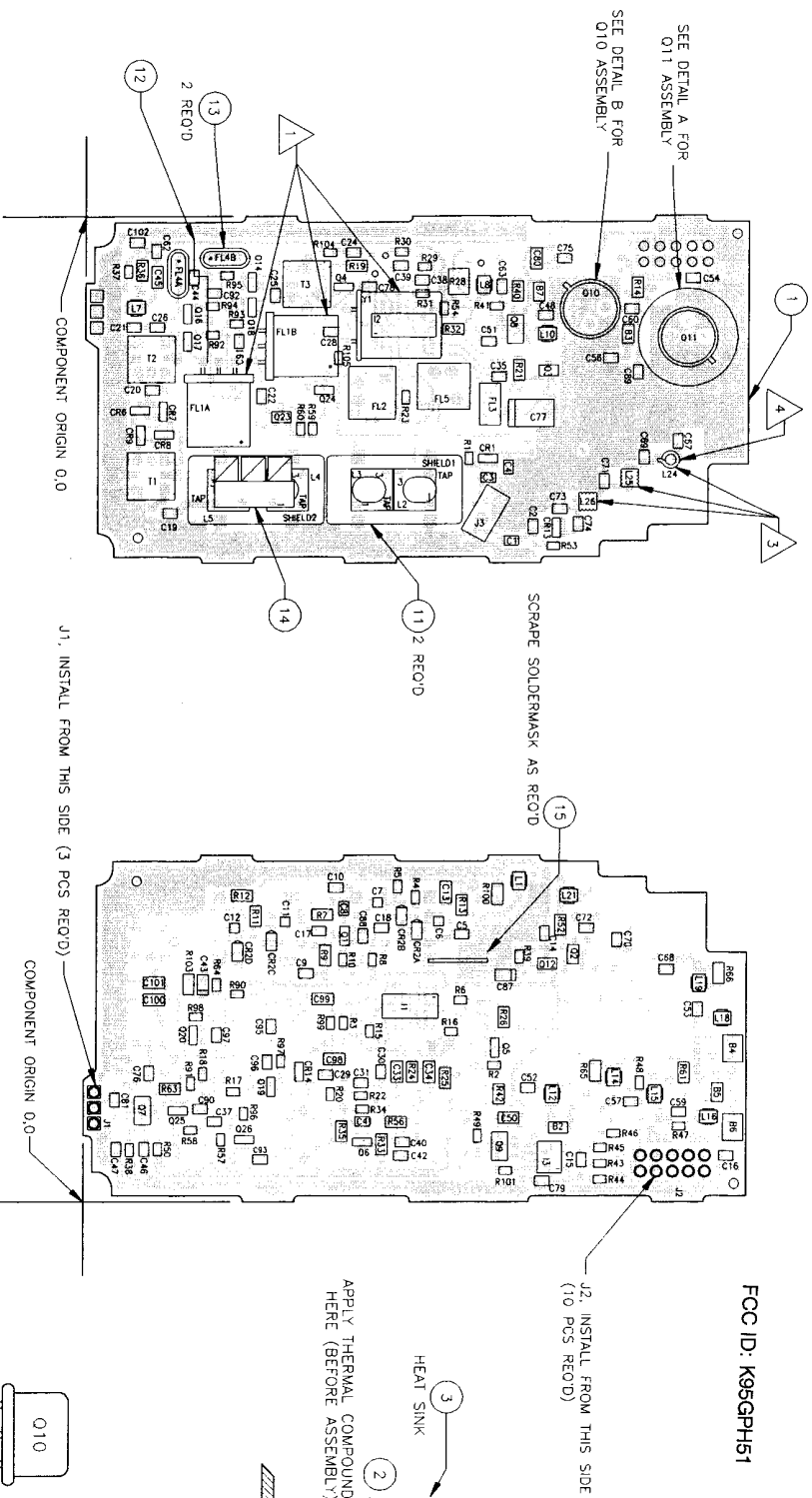
FCC ID: K95GPH61



ILLUSTRATED PARTS LIST

EPH SERIES VHF RADIO

FCC ID: K95GPH61



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.

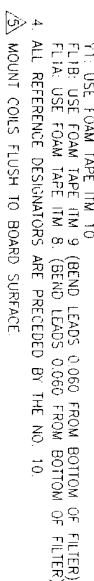
5. TOP SOLDERPASTE LAYER (0009-5705-907) IS AT

REV. B AND BOTTOM SOLDERPASTE LAYER

(0009-5705-908) IS AT REV. B

EPH SERIES VHF RADIO

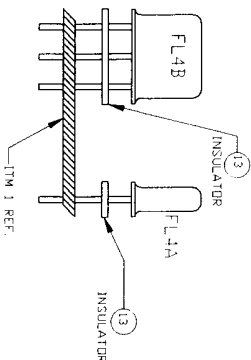
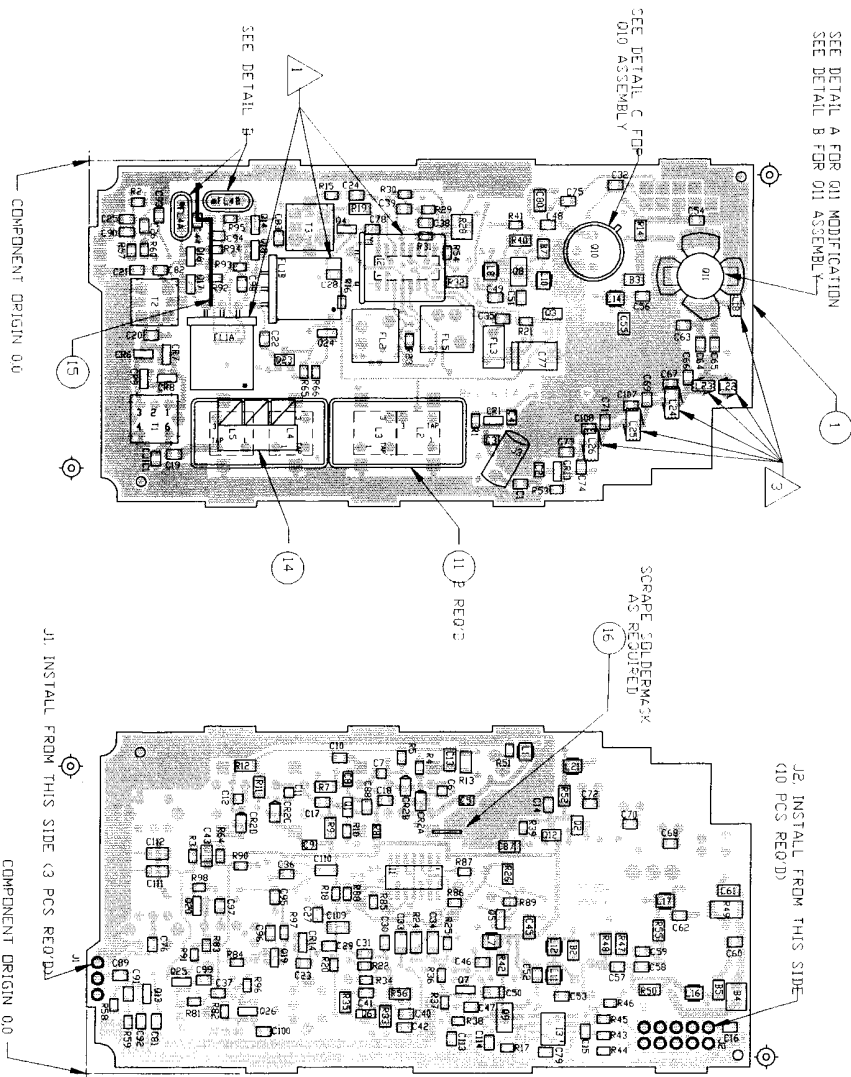
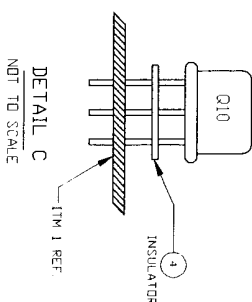
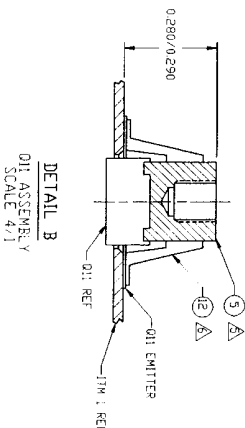
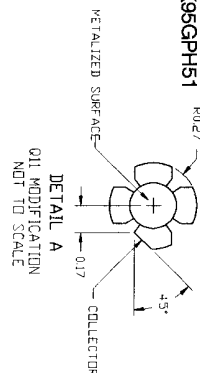
FCC ID: K95GPH51



ILLUSTRATED PARTS LIST

EPH SERIES VHF RADIO

FCC ID: K95GPH51



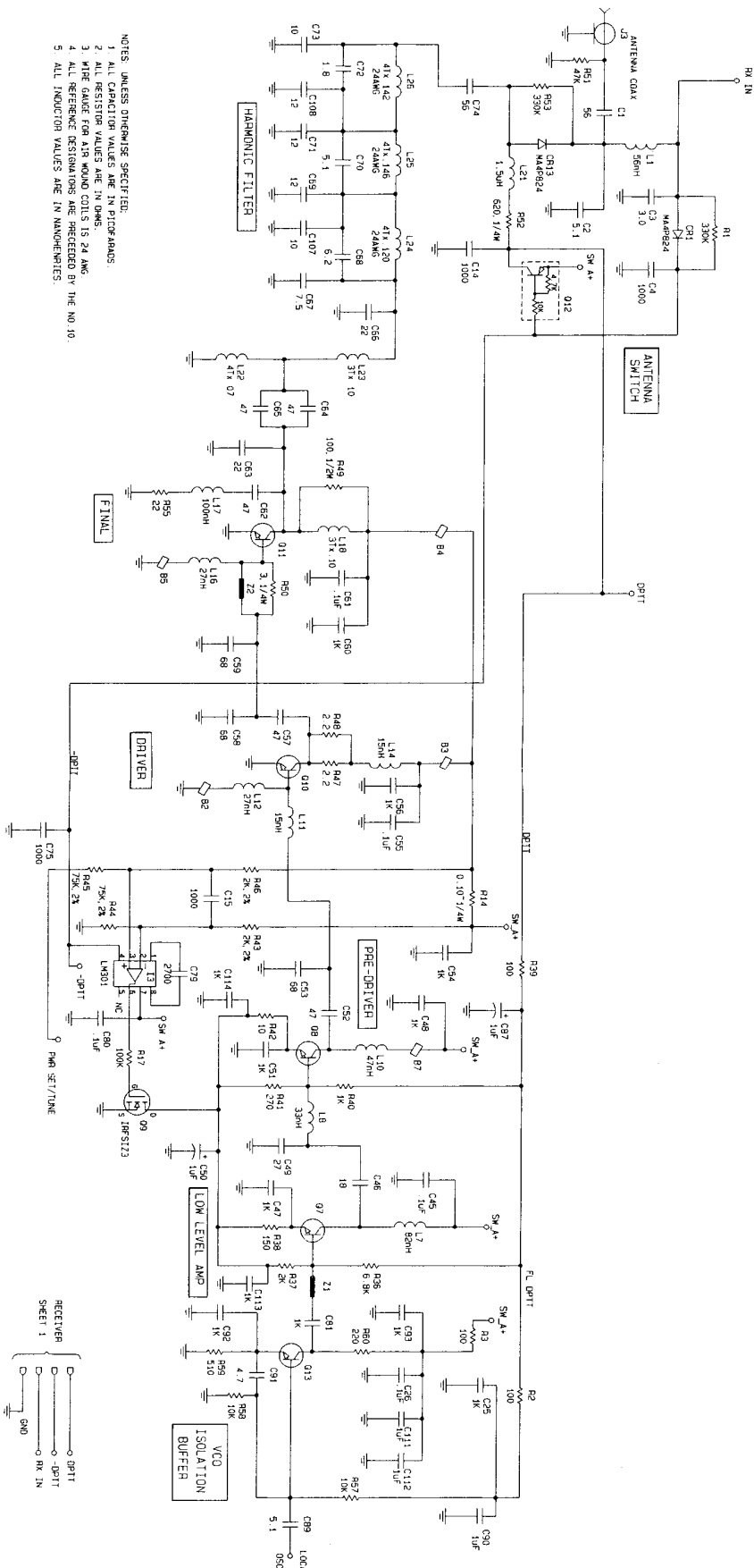
NOTES: UNLESS OTHERWISE SPECIFIED:
1. TOP SOLDERPASTE FILM NO. 0009-05705-407 REV. A
BOTTOM SOLDERPASTE FILM NO. 0009-05705-408 REV. A

DETAIL D
NOT TO SCALE

ILLUSTRATED PARTS LIST

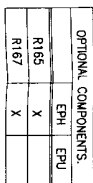
EPH SERIES VHF RADIO

FCC ID: K95GPH51



NOTES:

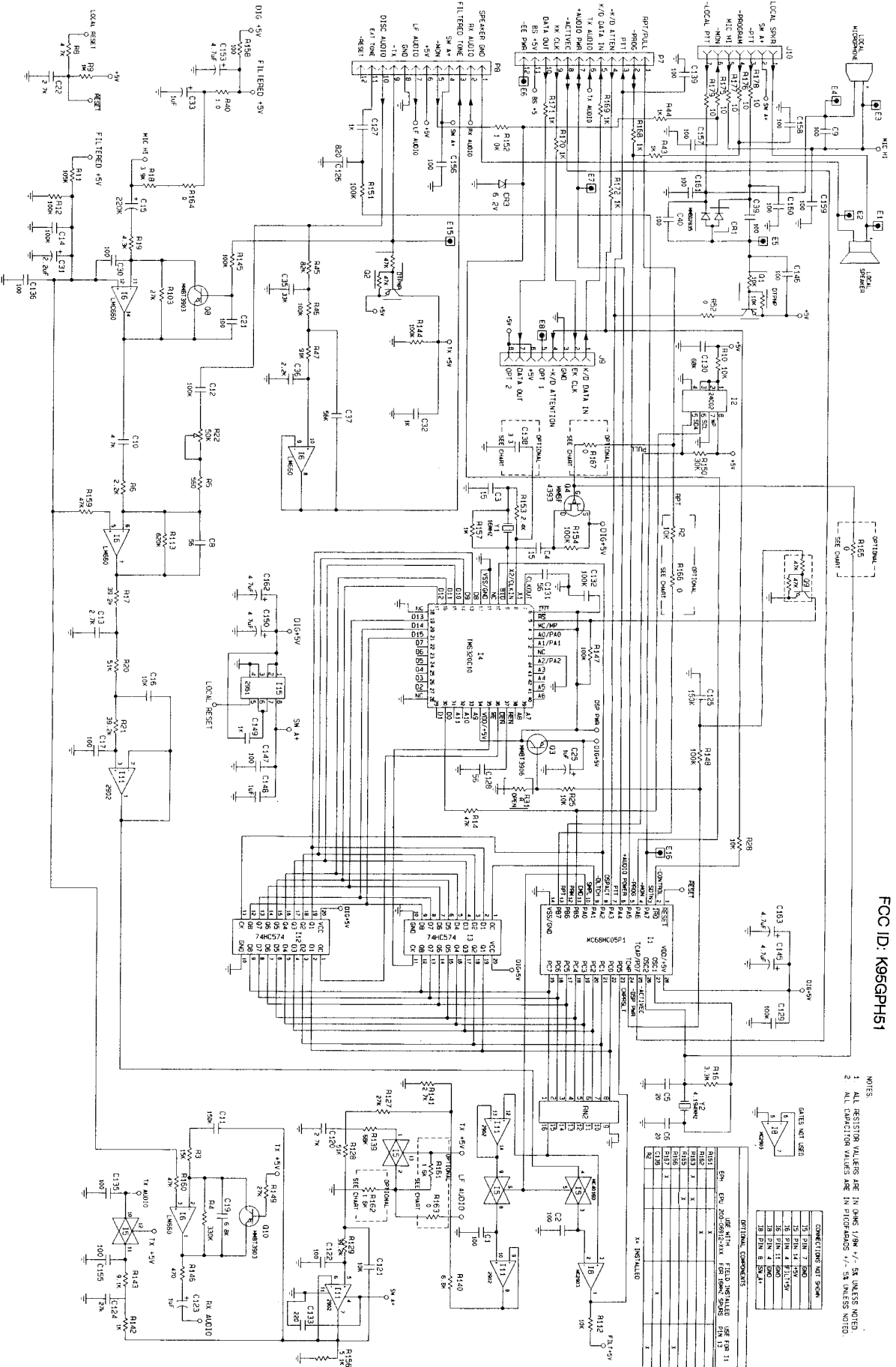
1. ALL REFERENCE DESIGNATORS ARE PRECEDED BY THE NUMBER 90. FOR EXAMPLE C34 IS 90C34.
2. SEE CHART BELOW FOR DISTRIBUTION OF ALL OPTIONAL COMPONENTS.
3. TOP SOLDERPASTE FILM: 0009-6706-217, REV A.
BOTTOM SOLDERPASTE FILM: 0009-6706-218, REV A.



EPH SERIES VHF RADIO

ILLUSTRATED PARTS LIST

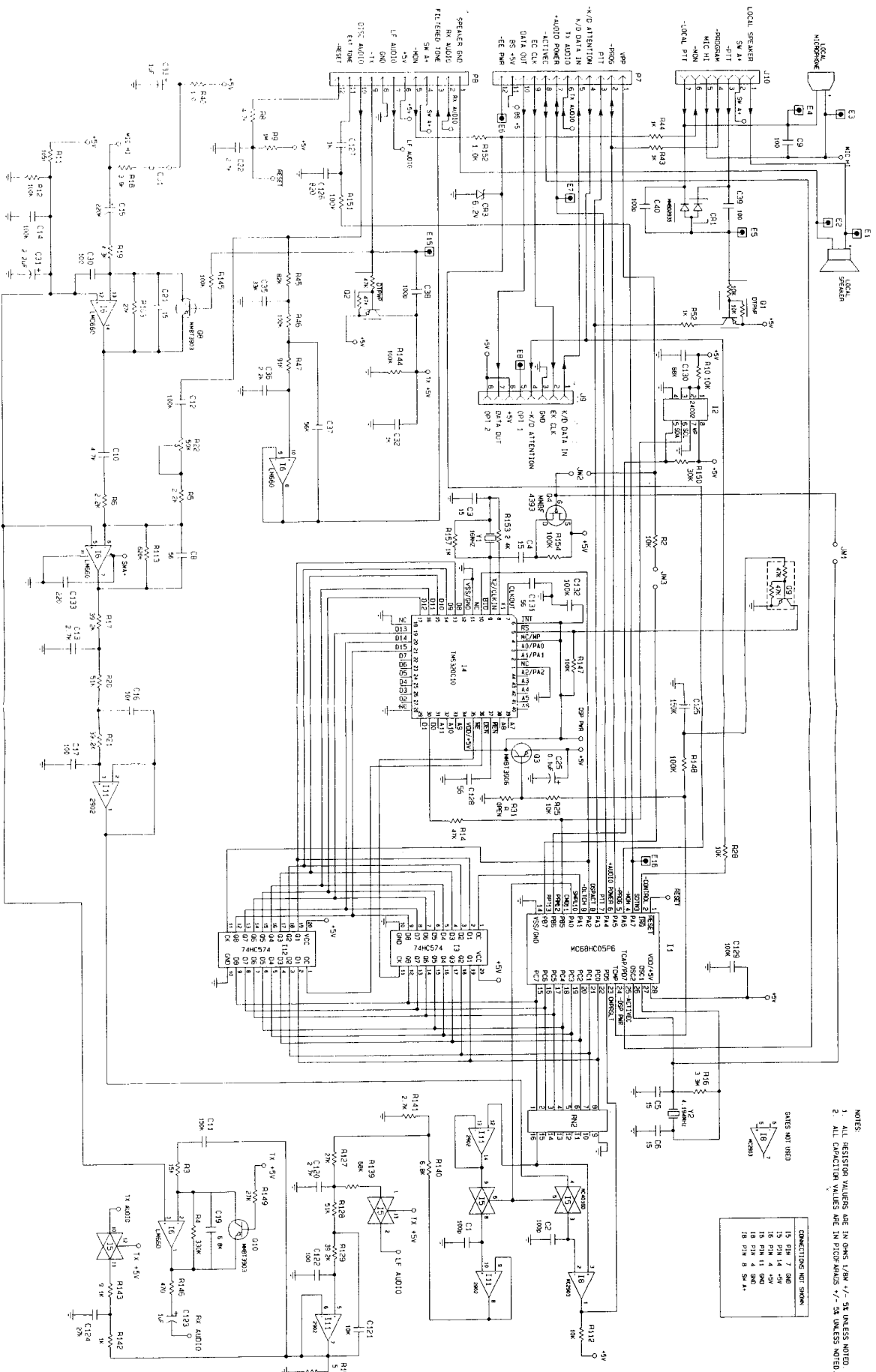
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EPH SERIES VHF RADIO

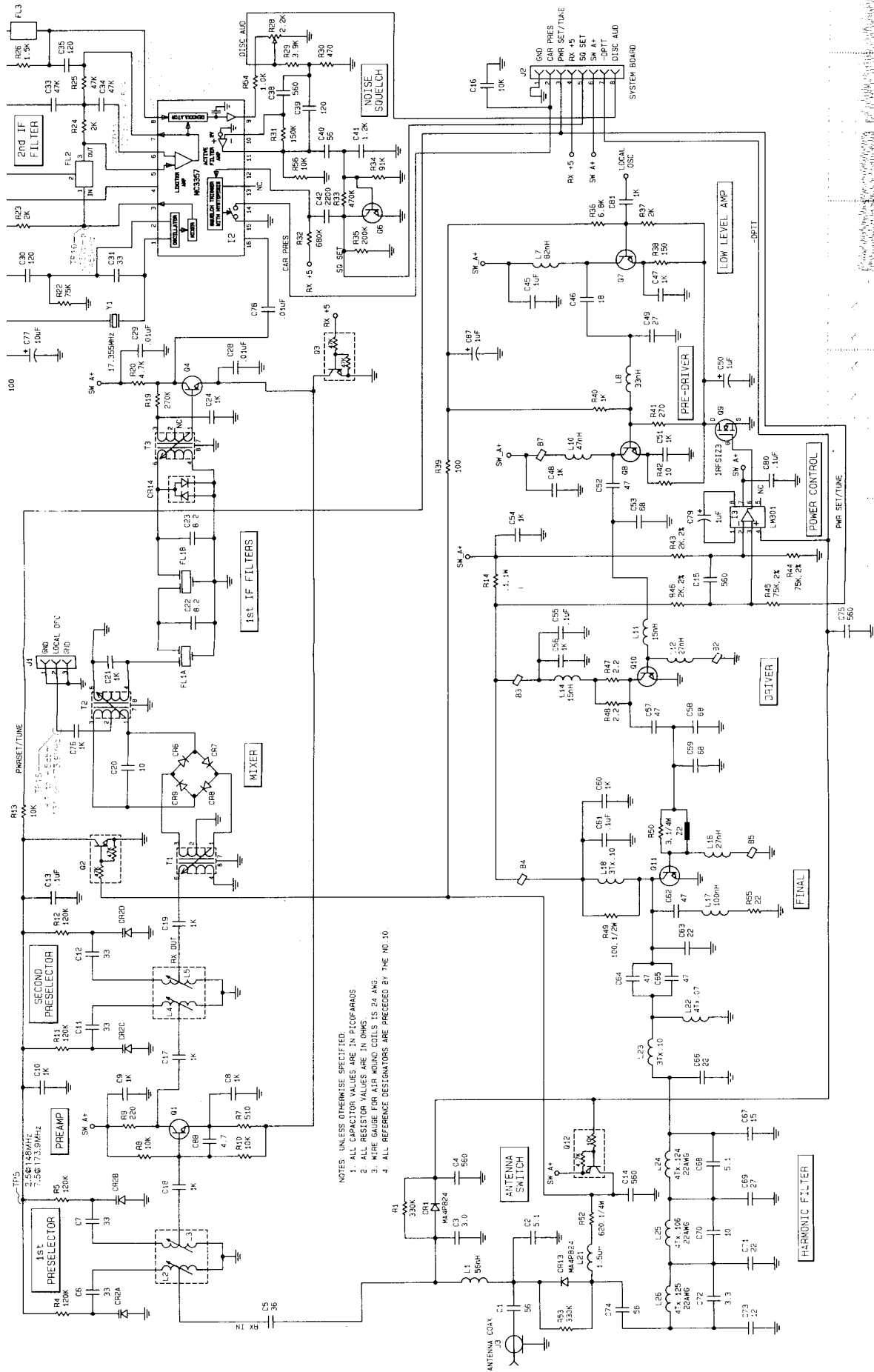
ILLUSTRATED PARTS LIST

FCC ID: K95GPH51

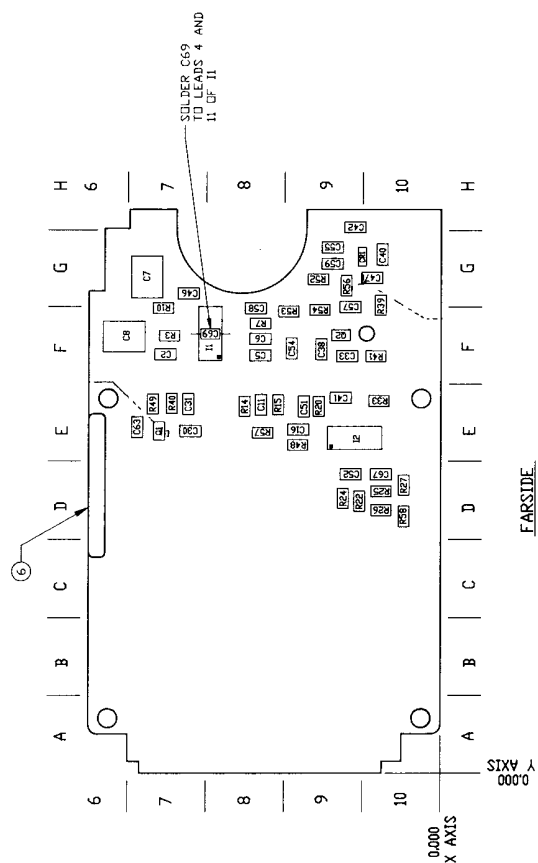


- NOTES:
1. ALL RESISTOR VALUES ARE IN OHMS /K/W +/- 5% UNLESS NOTED.
 2. ALL CAPACITOR VALUES ARE IN PICO FARADS +/- 5% UNLESS NOTED.

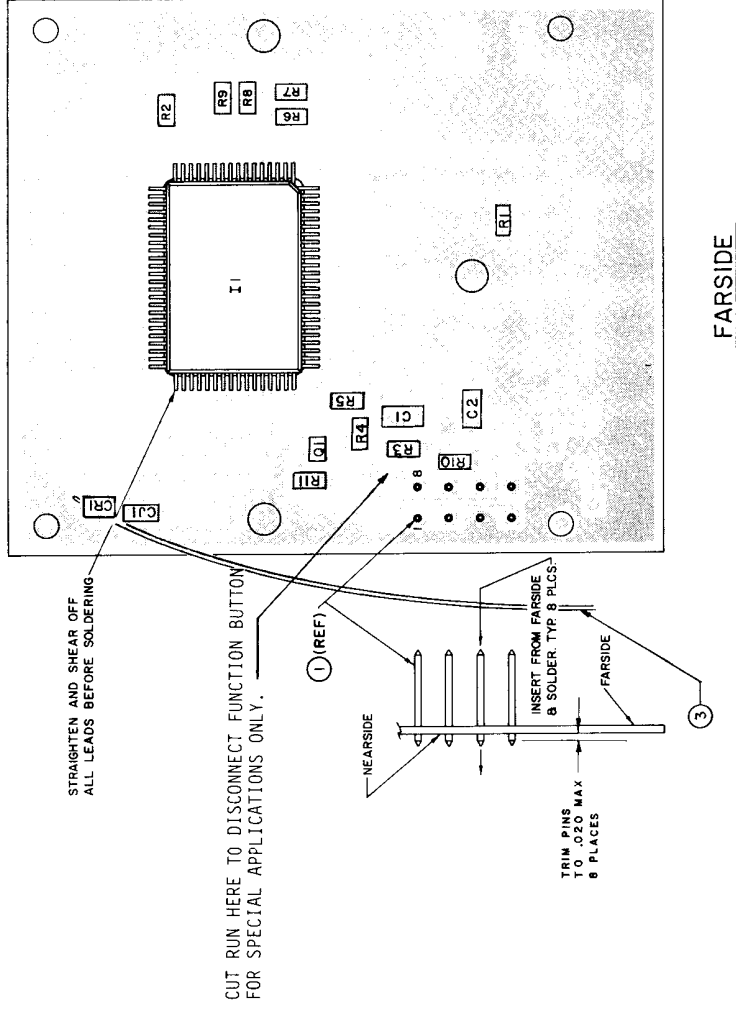
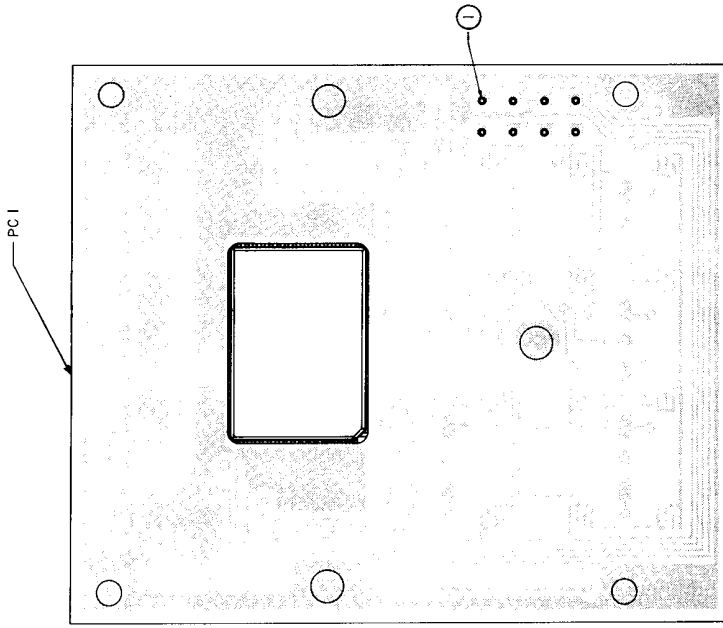


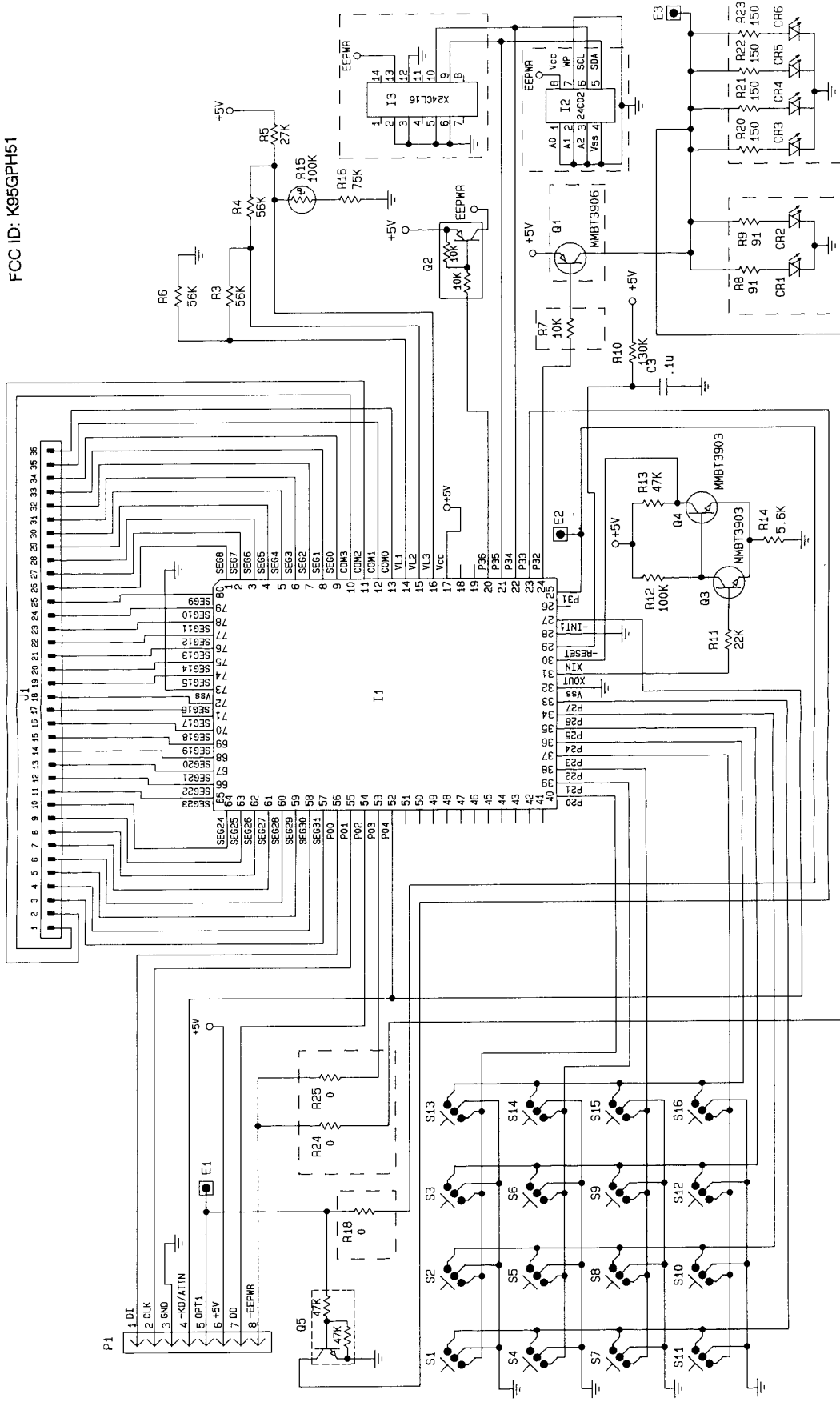


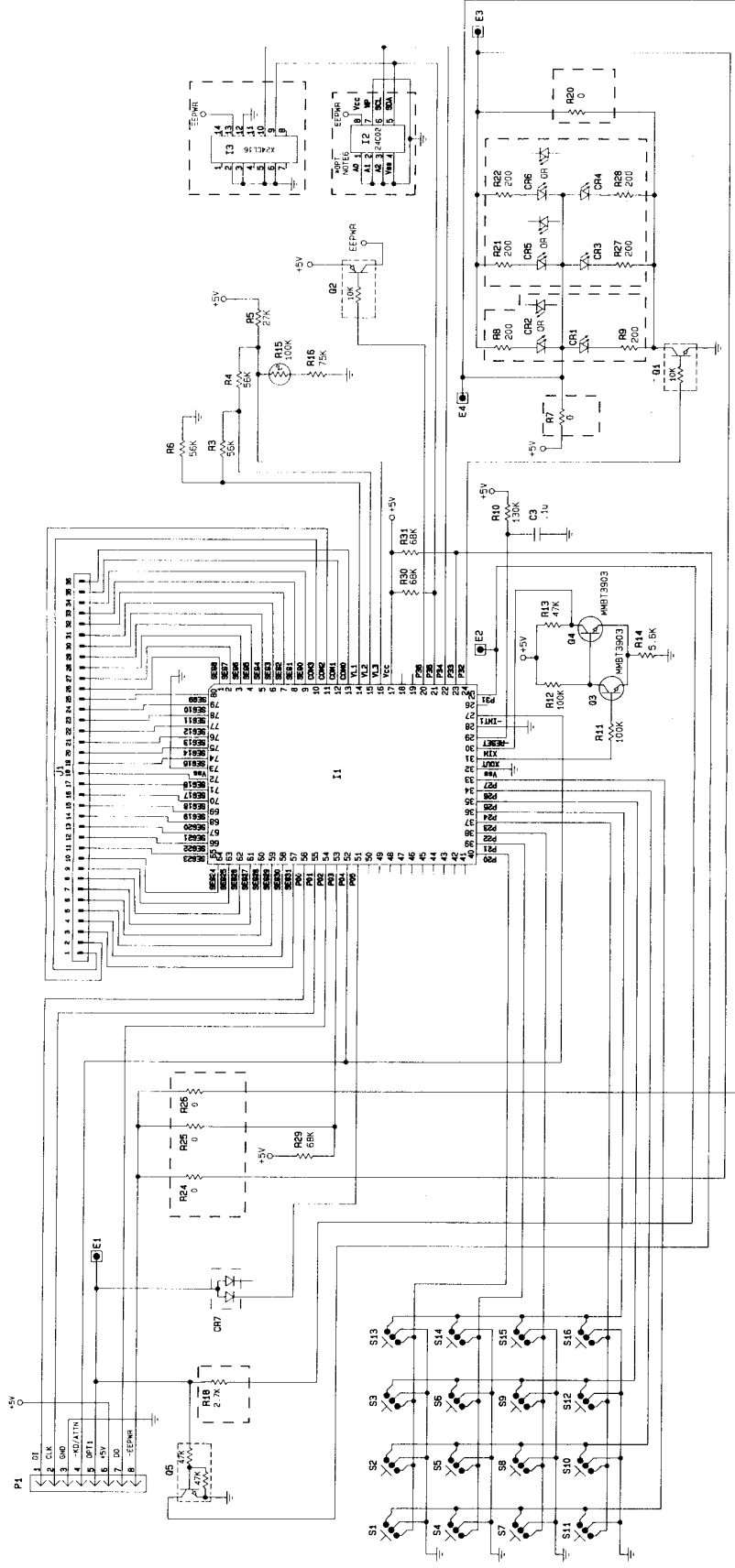
- NOTES: UNLESS OTHERWISE SPECIFIED:
1. ALL CAPACITOR VALUES ARE IN PICOFARADS
 2. ALL RESISTOR VALUES ARE IN OHMS.
 3. WIRE GAUGE FOR AIR WOUND COILS IS 24 AWG.
 4. ALL REFERENCE DESIGNATORS ARE PRECEDED BY THE NO. 10.

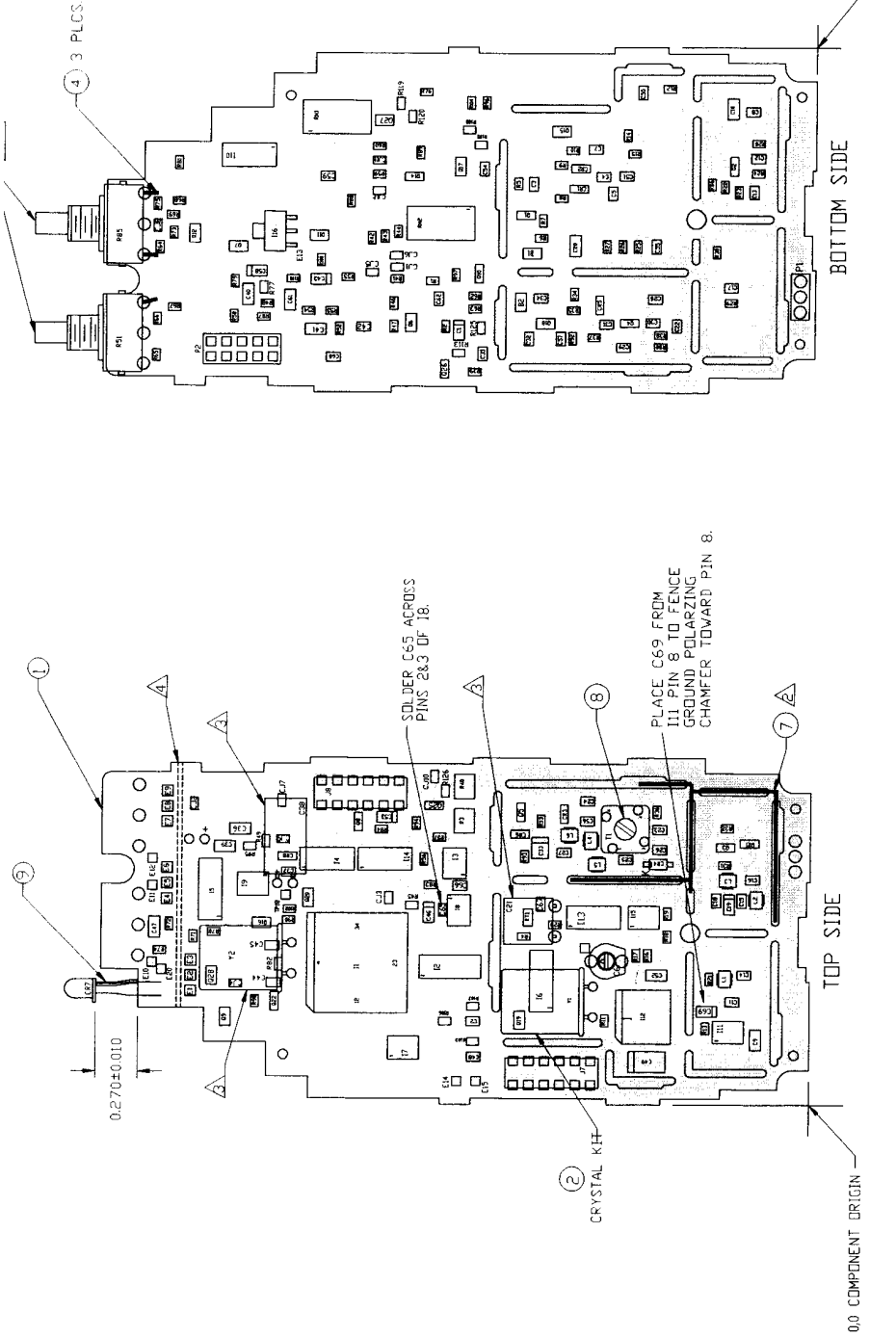


1. ALL REFERENCE DESIGNATORS ARE PRECEDED BY THE NUMBER 90. FOR EXAMPLE C34 IS 90C34,







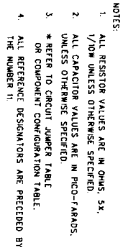


NOTES: UNLESS OTHERWISE SPECIFIED:

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.
BOTTOM SOLDERPASTE FILM NO: 0009-6706-108, REV. B.



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

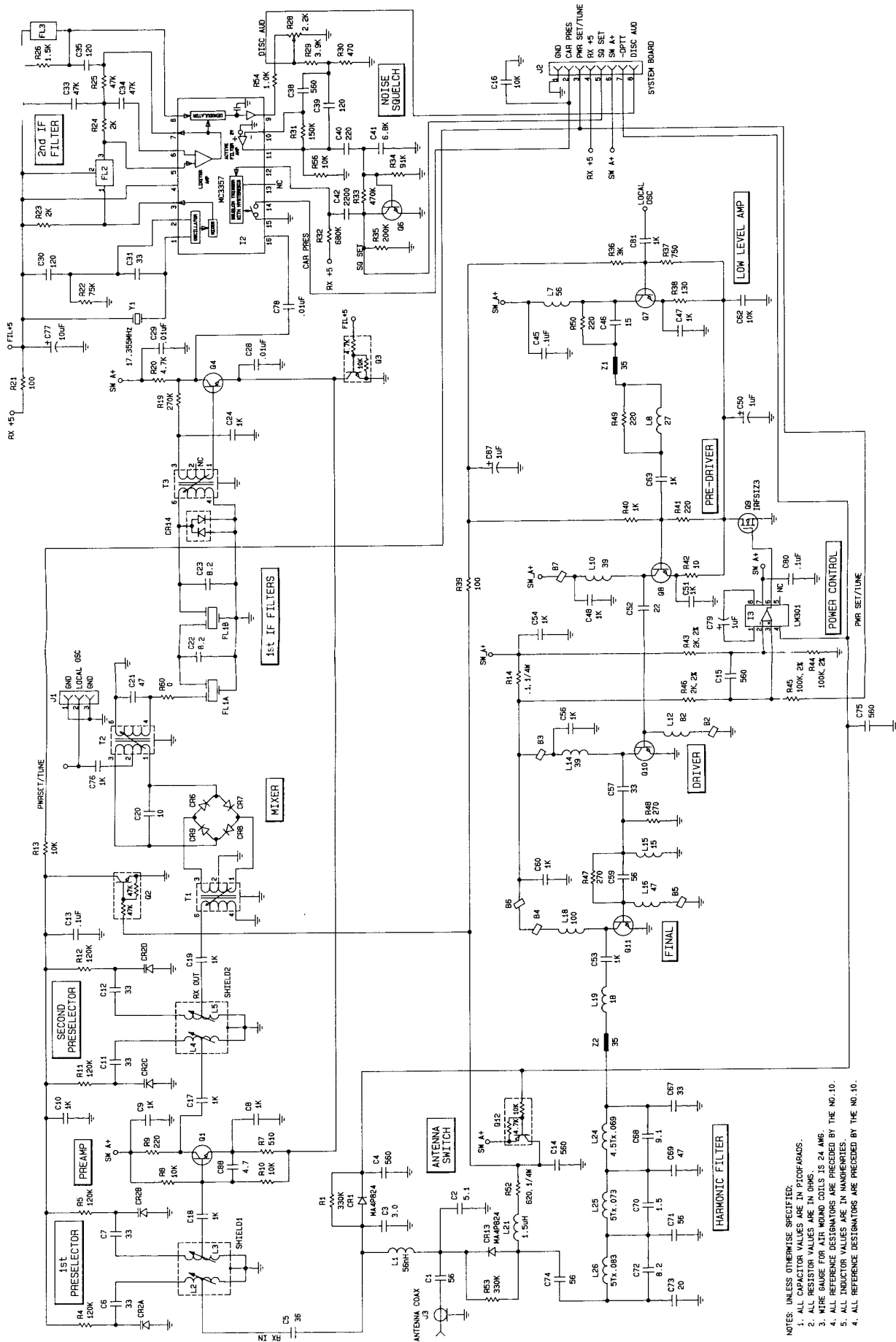
[illegible][illegible]

027 NOT USED FOR LTR VERSION

Nov 6-25

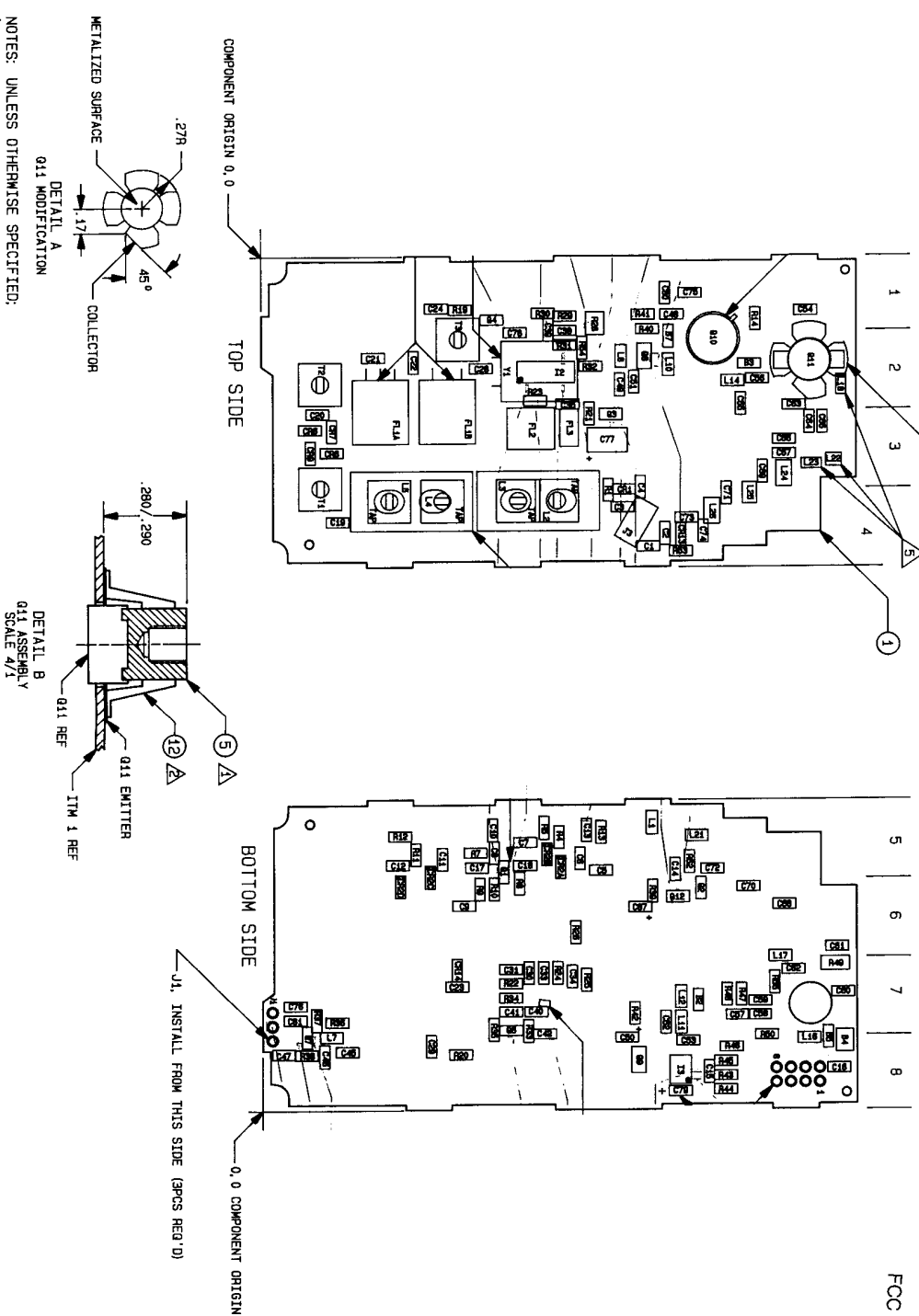






SEE DETAIL A FOR Q11 MODIFICATION
SEE DETAIL B FOR Q11 ASSEMBLY

FCC ID: K95GPH51



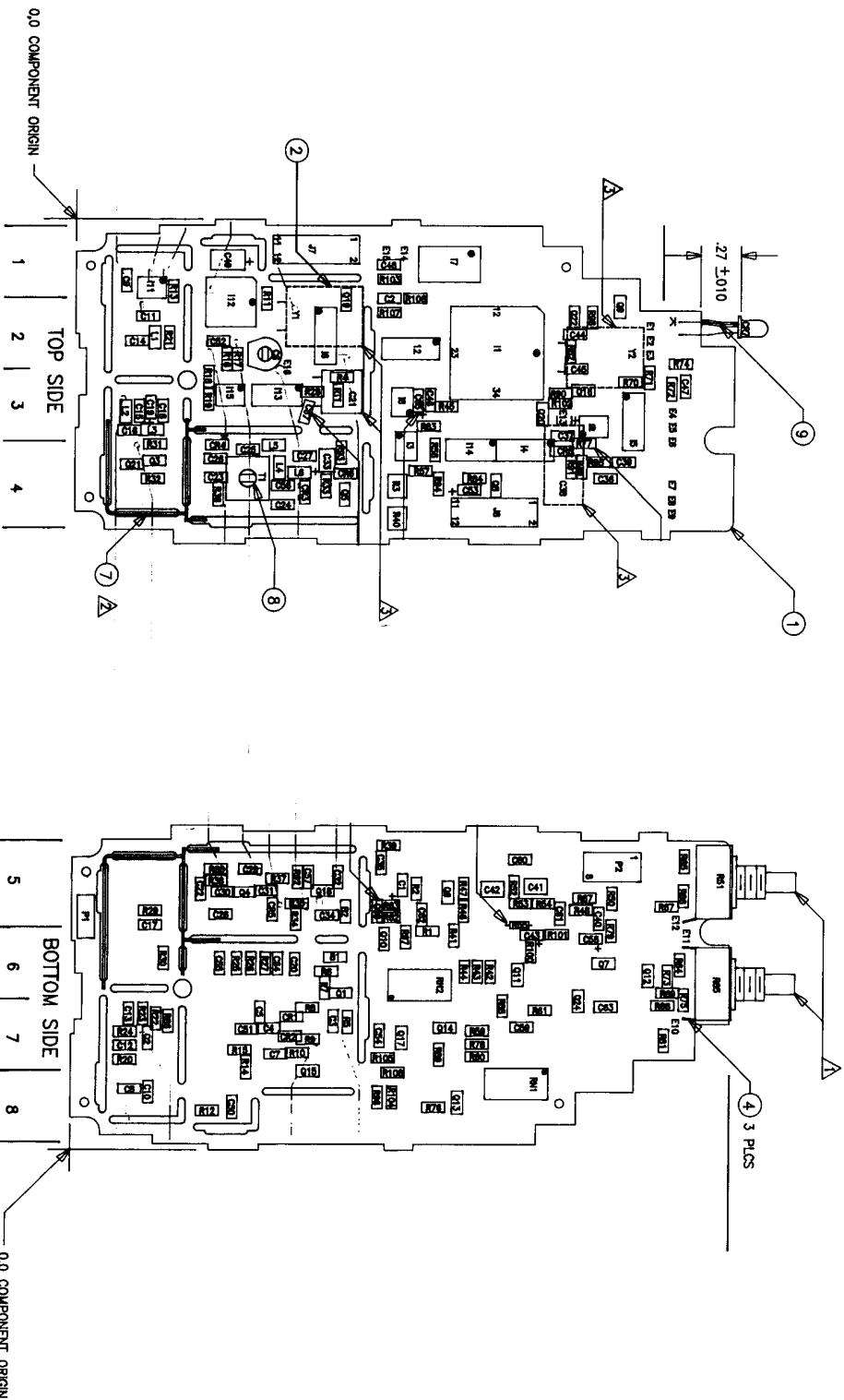
NOTES: UNLESS OTHERWISE SPECIFIED:

- △ SOLDER ADAPTOR (ITEM 5) TO METALIZED SURFACE OF Q11.
- △ SOLDER "FEET" OF GND LUG (ITEM 12) TO EXITTER LEADS OF Q11 2 PLCS, AND BODY OF ADAPTOR (ITEM 5).
- △ AFFIXING FOLDED DOWN PARTS:
 - 1. USE FOAM TAPE ITEM 10
 - 2. USE FOAM TAPE ITEM 10
 - 3. USE FOAM TAPE ITEM 10
 - 4. ALL REFERENCE DESIGNATORS ARE PRECEDED BY THE NO. 10.
- △ MOUNT COILS AS CLOSE TO BOARD SURFACE AS GOOD SOLDER PRACTICE ALLOWS.

ILLUSTRATED PARTS LIST

EPH SERIES VHF RADIO

FCC ID: K95GPH51

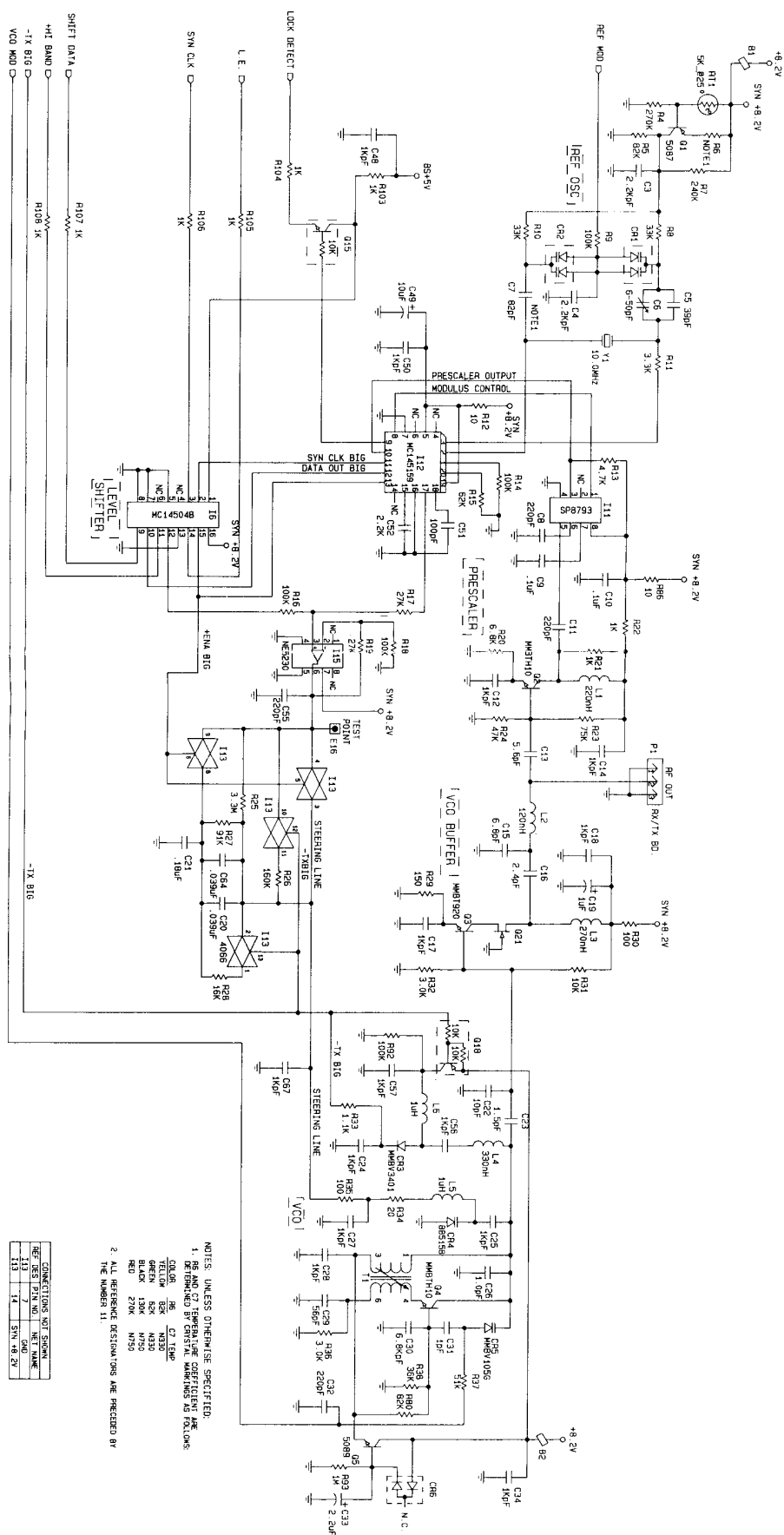


NOTES: UNLESS OTHERWISE SPECIFIED:

- △ TRIM 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 ELASTOMER (TM 3)
- C38: USE FOAM TAPE (TM 5)
- Y2: USE FOAM TAPE (TM 6).

ILLUSTRATED PARTS LIST

FCC ID: K95GPH51



CONNECTIONS NOT SHOWN		
REF DES	PIN NO.	NET NAME
I13	7	GND
I13	14	SYN +8.2V

NOTES: UNLESS OTHERWISE SPECIFIED:
1. B5 AND C7 TEMPERAURE COEFFICIENT ARE
DETERMINED BY CRYSTAL MARKINGS AS FOLLOWS:

COLOR	P6	C7 TEMP
YELLOW	83K	M350
GREEN	83K	M350
BLACK	130K	M750
RED	270K	M750

2. ALL REFERENCE DESIGNATIONS ARE PRECEDED BY
THE NUMBER 11.