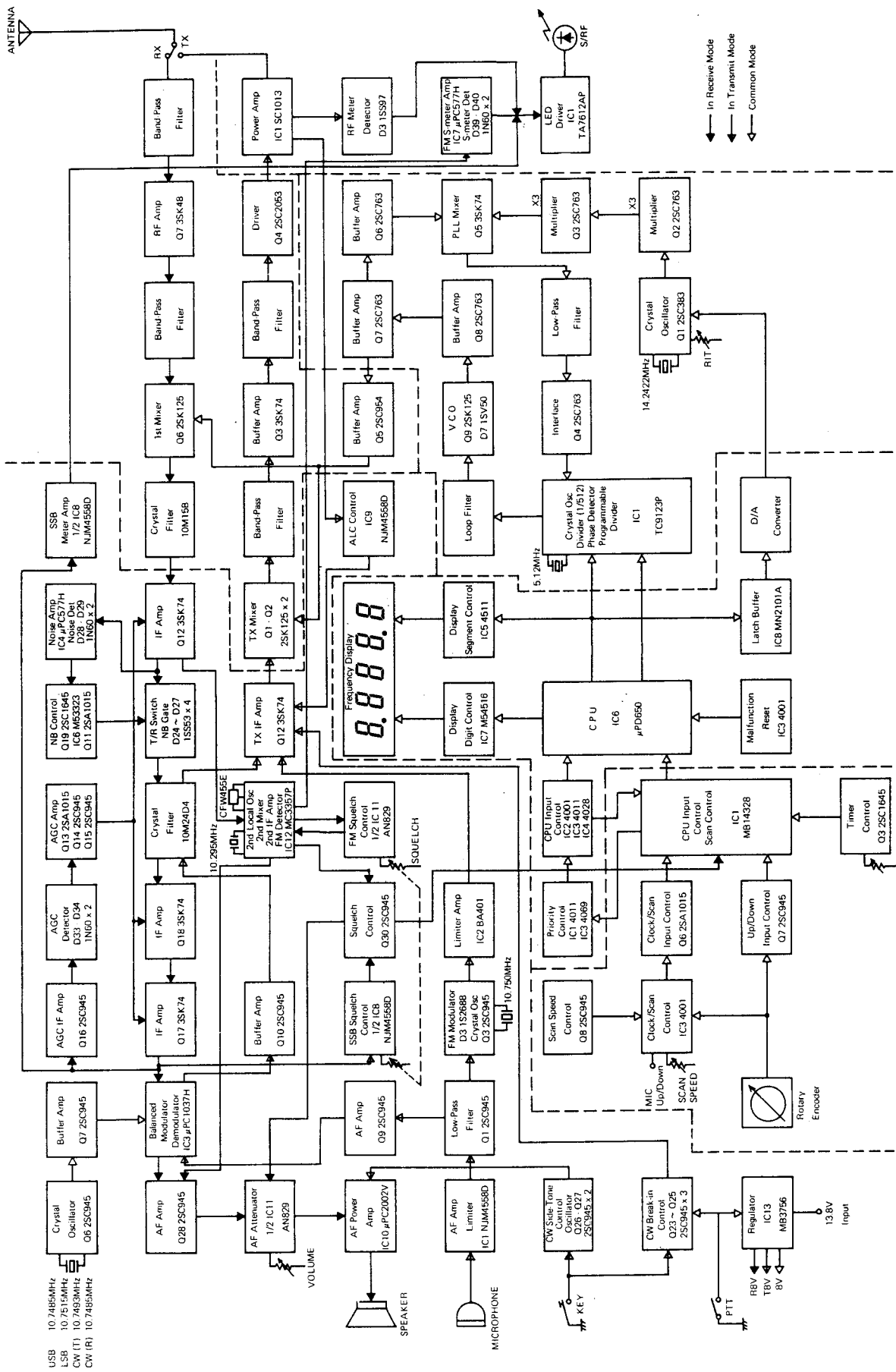


SECTION IX BLOCK DIAGRAM



IC-290A/E SCHEMATIC DIAGRAM

MIC

DIAL

SGL

LOW POW

POWER

TONE

PRI

S/S

AGC

NB

TS

+
SIMPLEX

-

VFO-A/B

MR

MW

RIT

RIT 10KB

VOL 10KC

MEMO

CH 1

MODE

OFFSET W

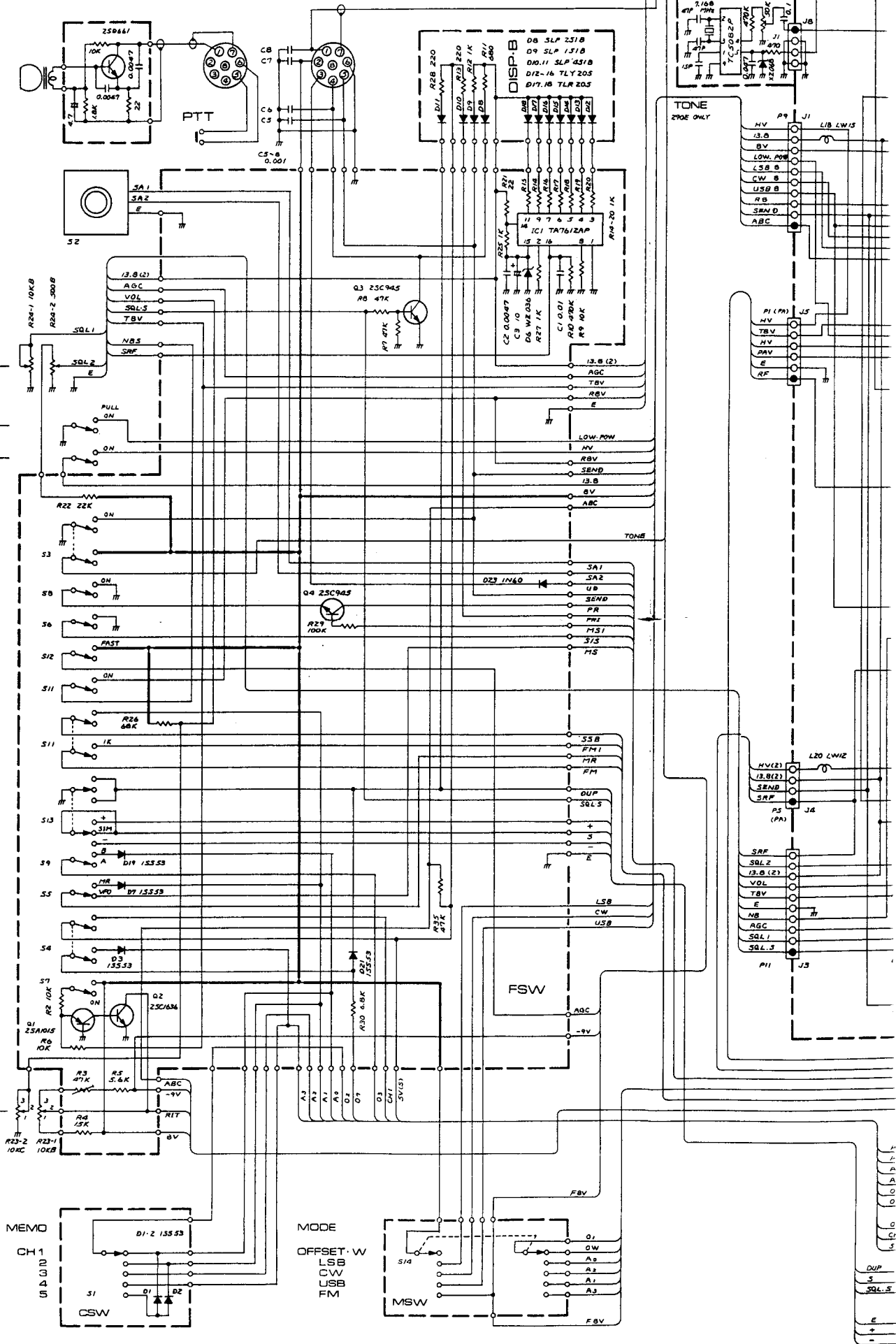
LSB

CW

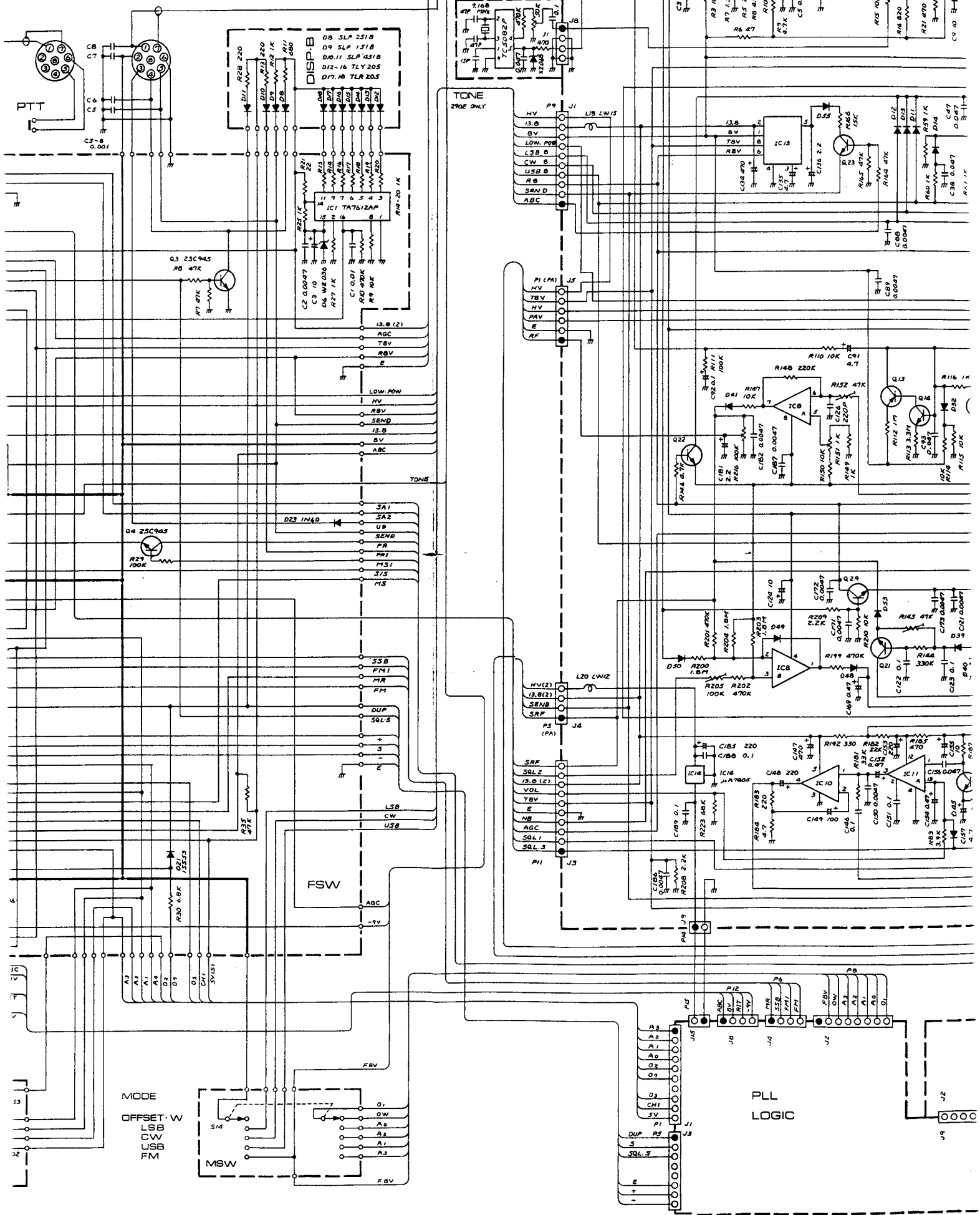
USB

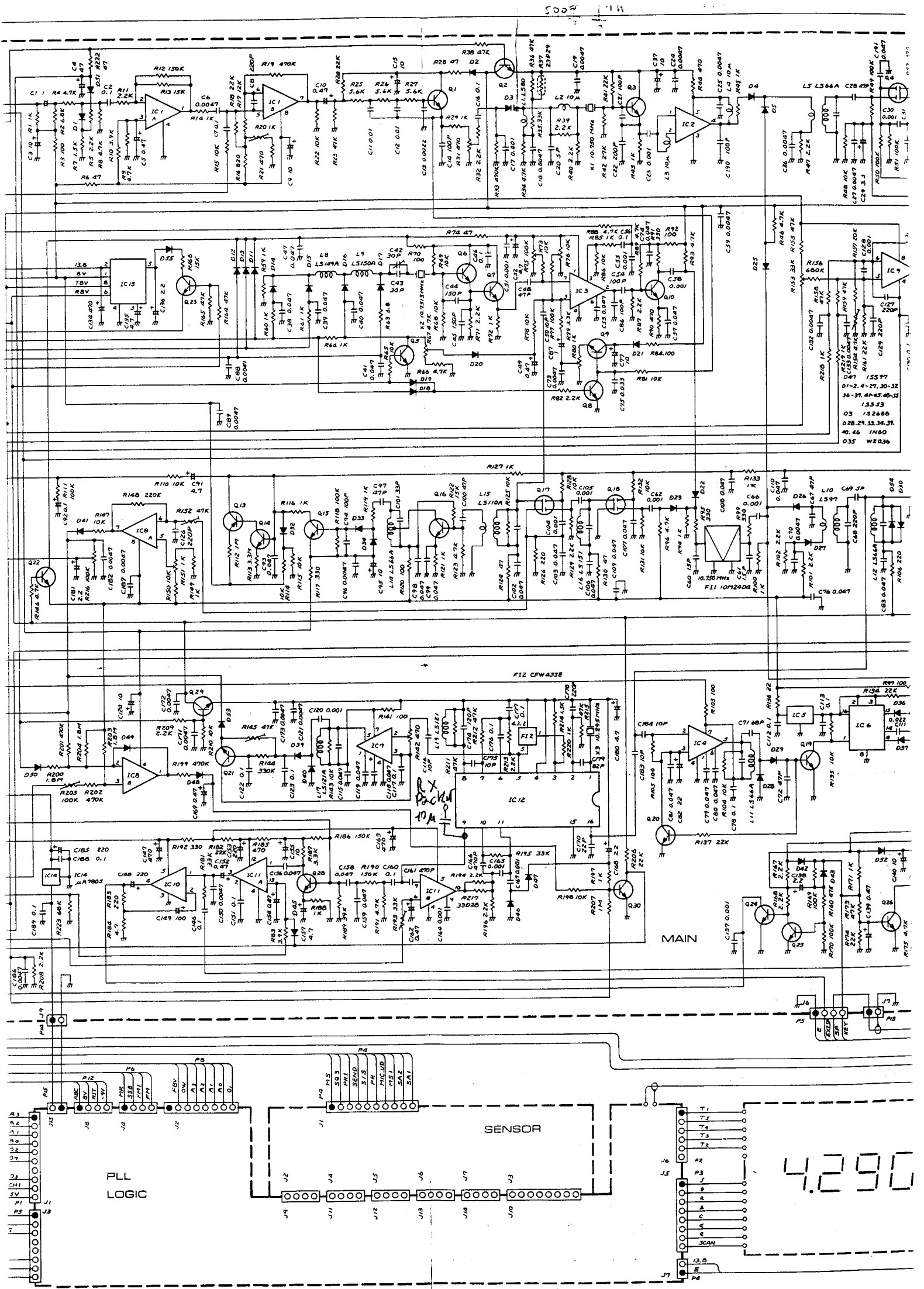
FM

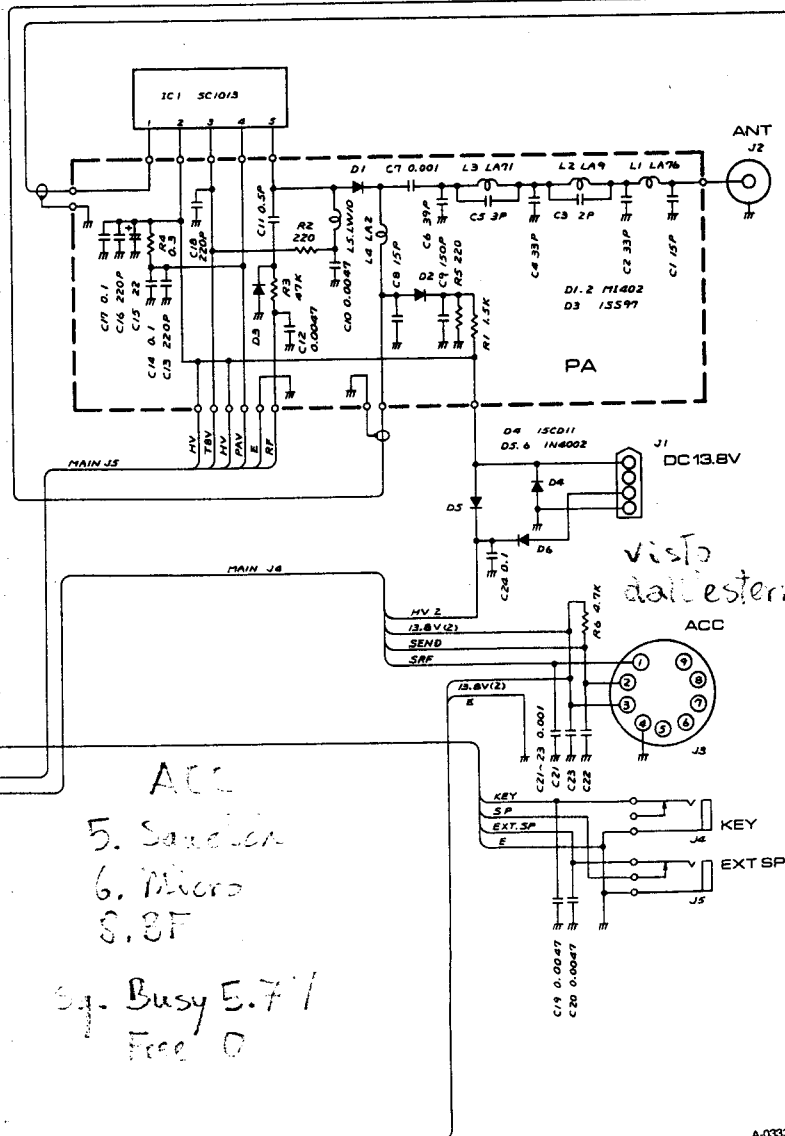
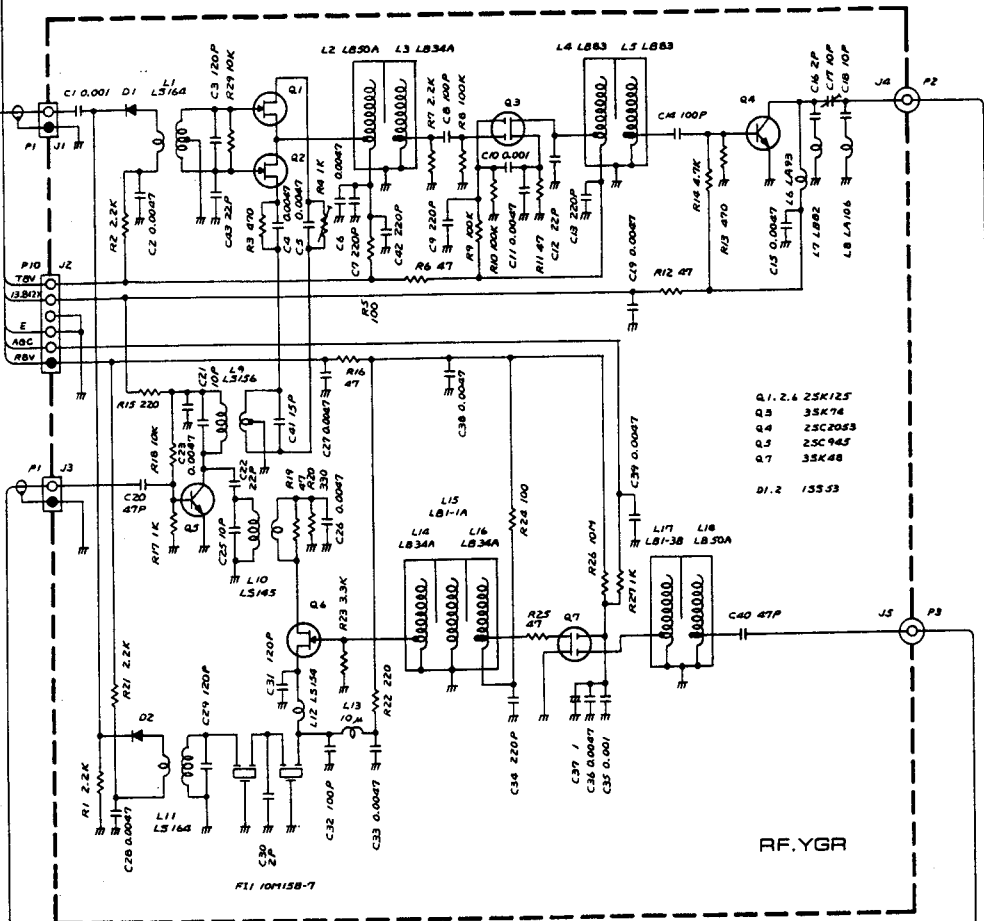
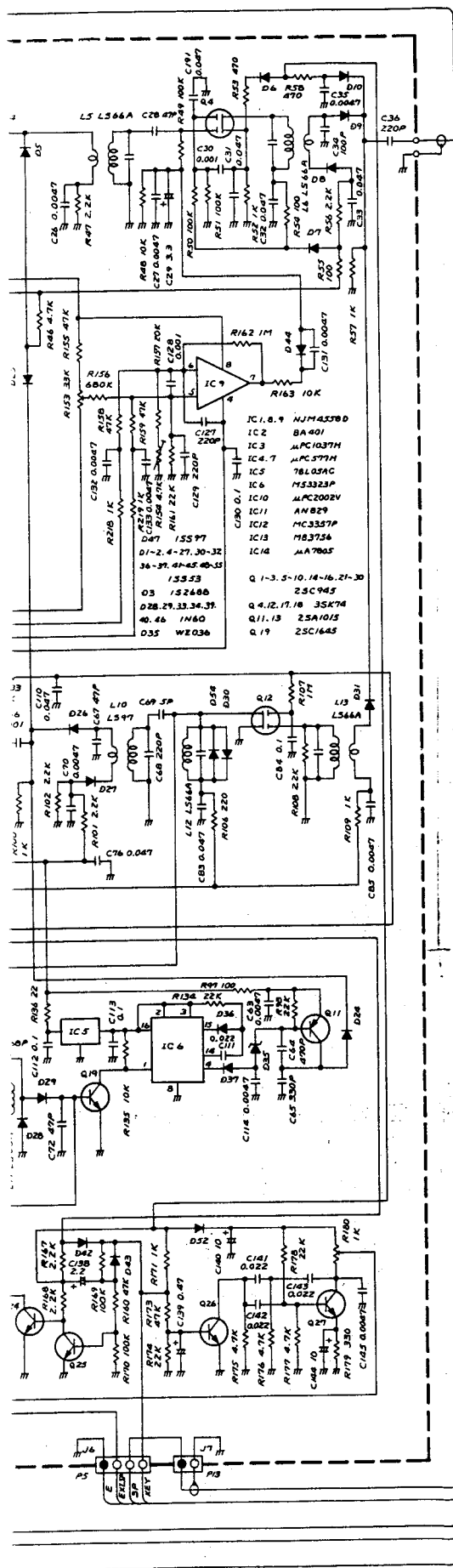
MSW

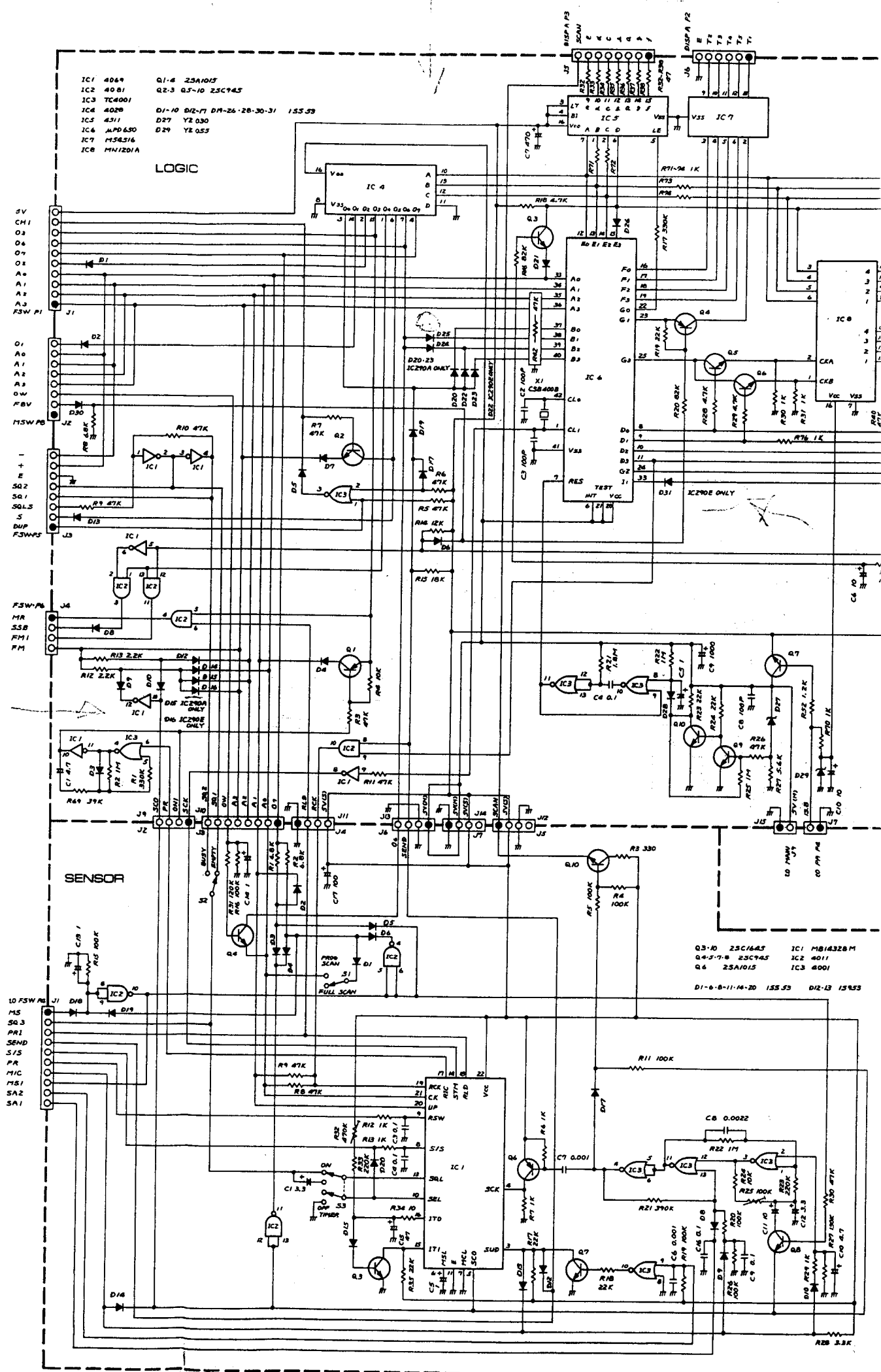


A/E SCHEMATIC DIAGRAM







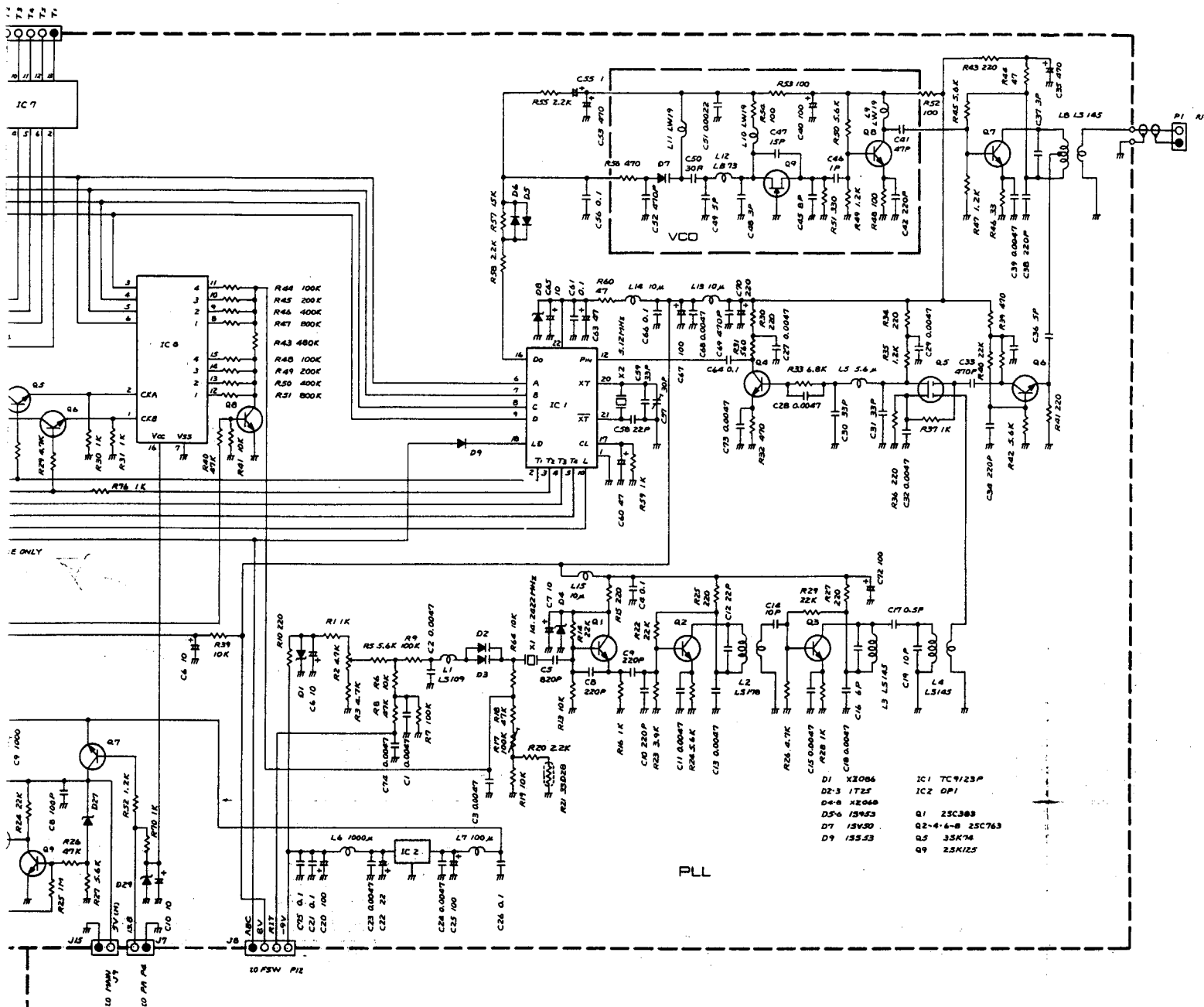


IC1 4069 Q1-4 25A1015
IC2 4081 Q2-3 Q3-10 25C945
IC3 TC4001
IC4 4020 D1-10 D12-17 D19-26-28-30-31 155.53
IC5 4311 D27 YE.030
IC6 AMP630 D29 YE.053
IC7 M56316
IC8 MN1201A

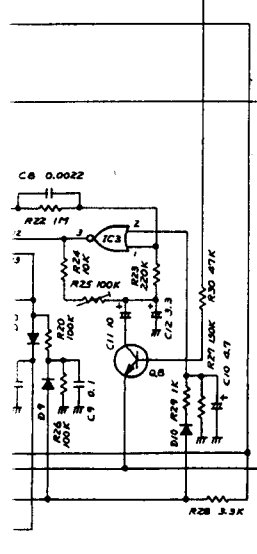
LOGIC

SENSOR

Q3-10 25C1645 IC1 MB14328 M
Q4-5-7-8 25C945 IC2 4011
Q6 25A1015 IC3 4001
D1-6-8-11-14-20 155.53 D12-13 154.53



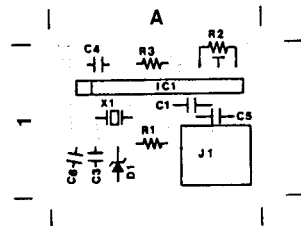
3-10 25C1645 IC1 M814328M
 4-5-7-8 25C945 IC2 4011
 6 25A1015 IC3 4001
 1-6-8-11-16-20 155.53 D12-13 15V53



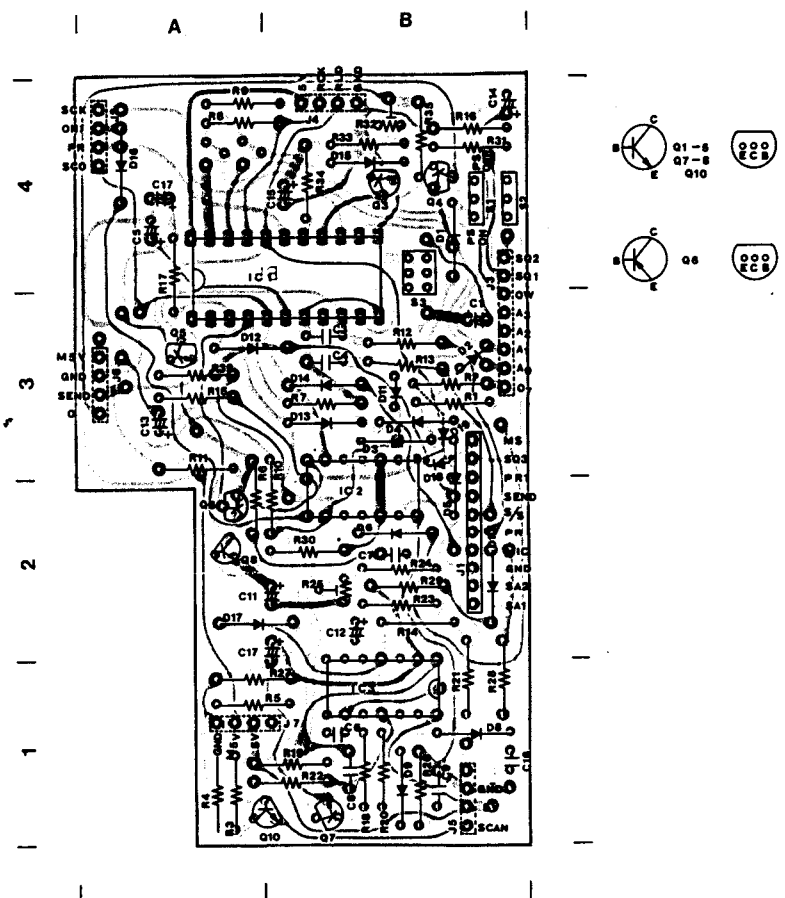


ICOM

TONE CALL UNIT



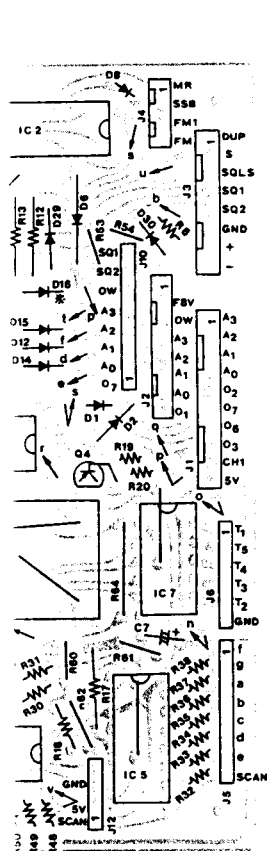
SENSOR BOARD



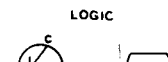
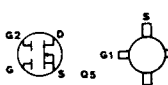
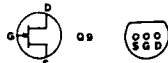
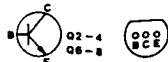
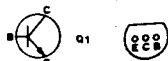
UNIT LAYOUT

LED BOARD

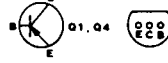
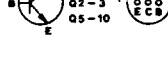
F



PLL



LOGIC

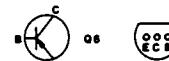
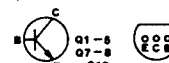
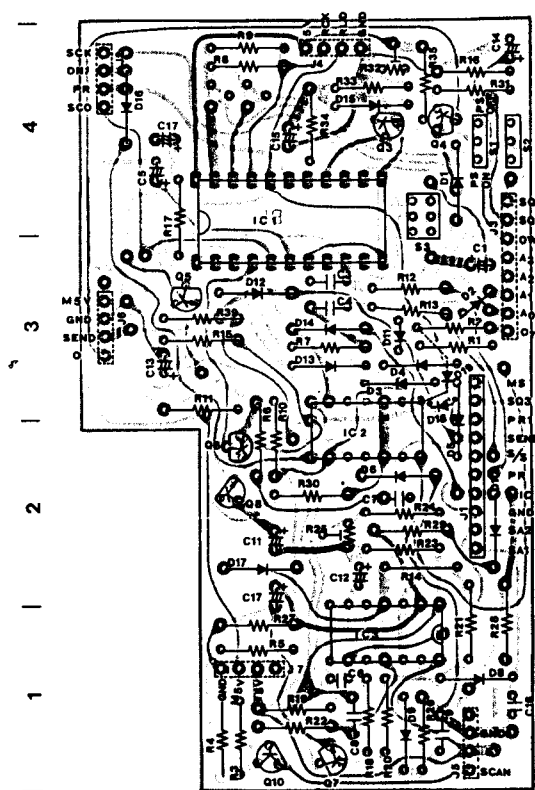


* USA ONLY

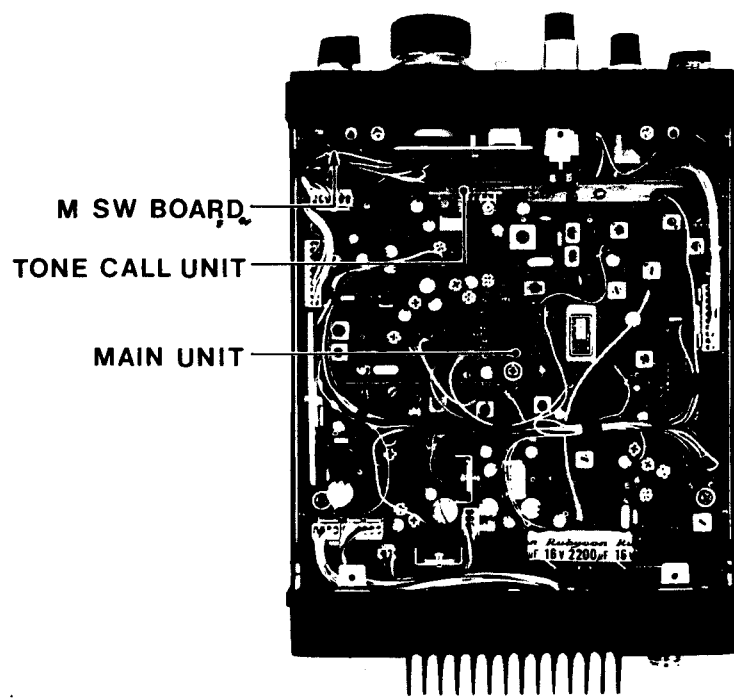
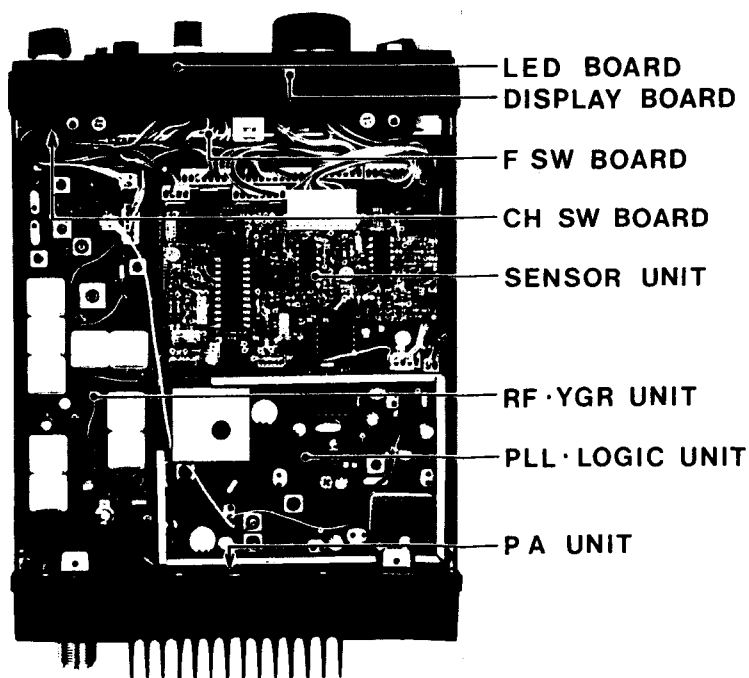
* EUR ONLY

A

B



UNIT LAYOUT

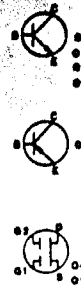
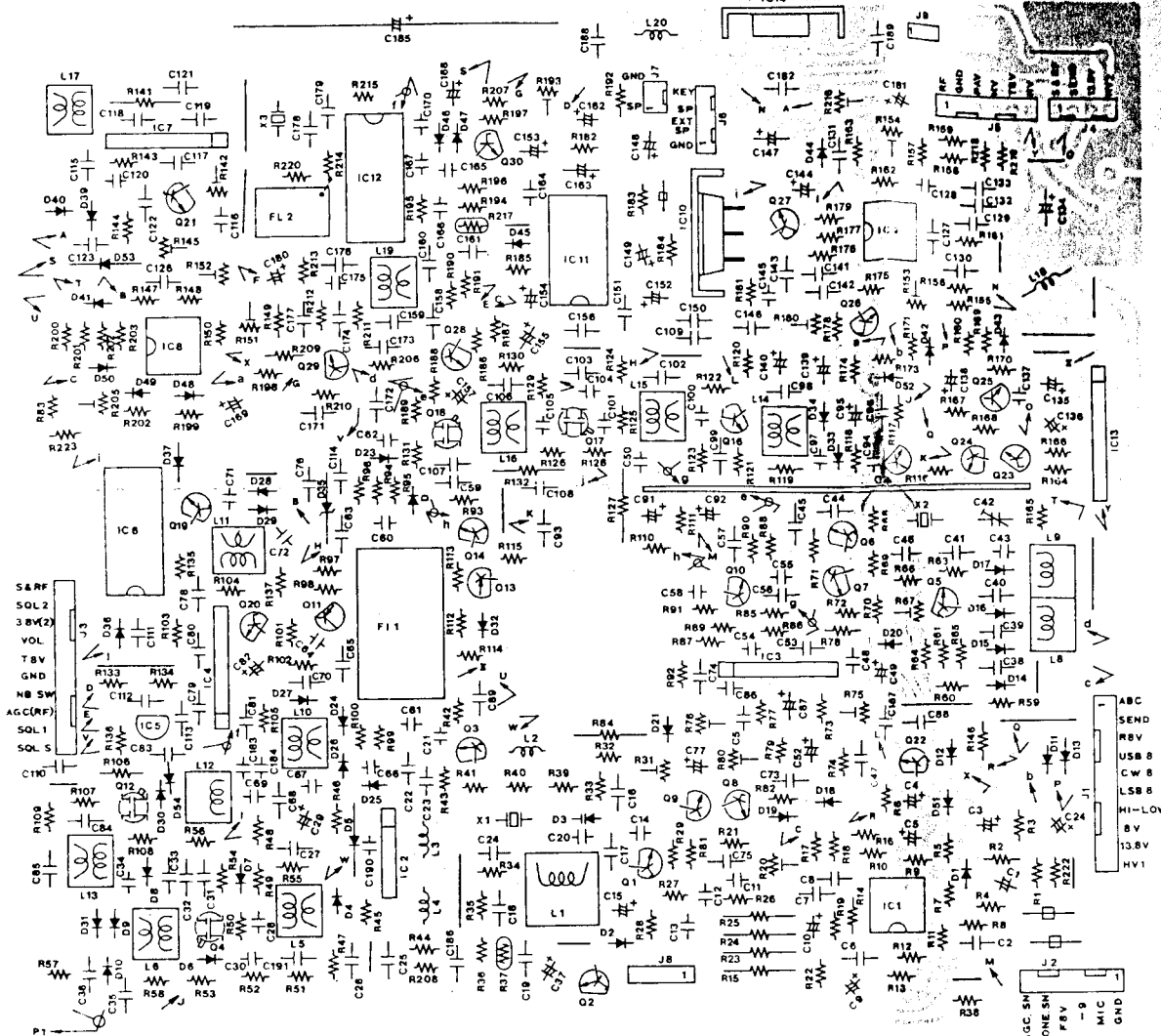


ICOM INCORPORATED

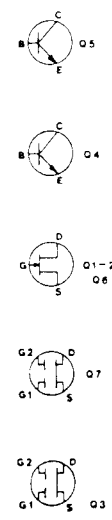
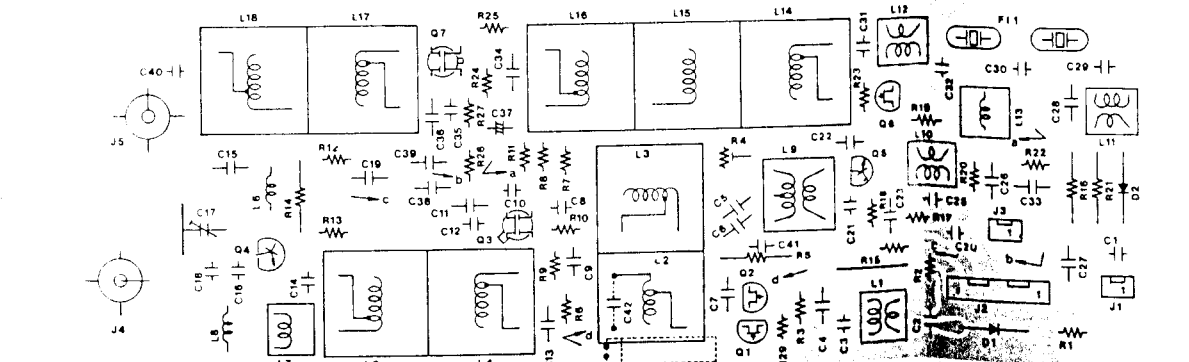
Some components subject to change
for an improvement without notice.

Printed in Japan

A B C D E F

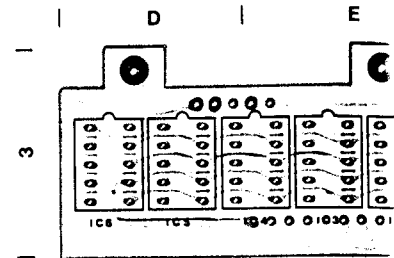


A B C D E F

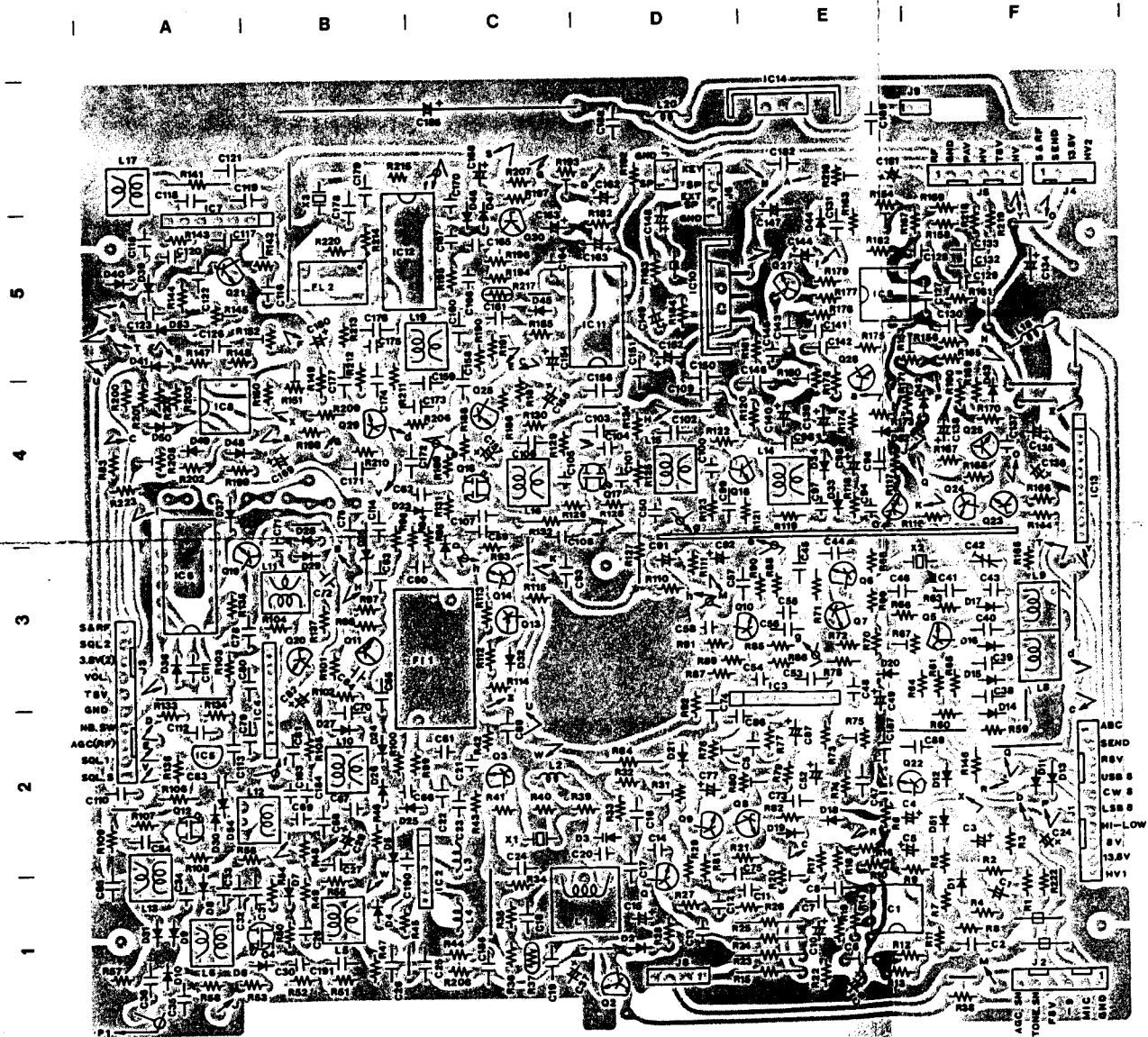


BOARD LAY

■ CH SW BOARD

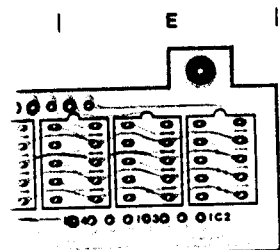


MAIN UNIT

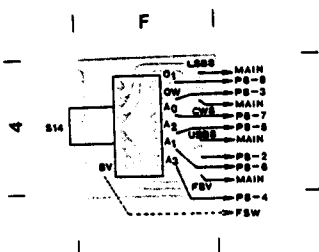


LAYOUT

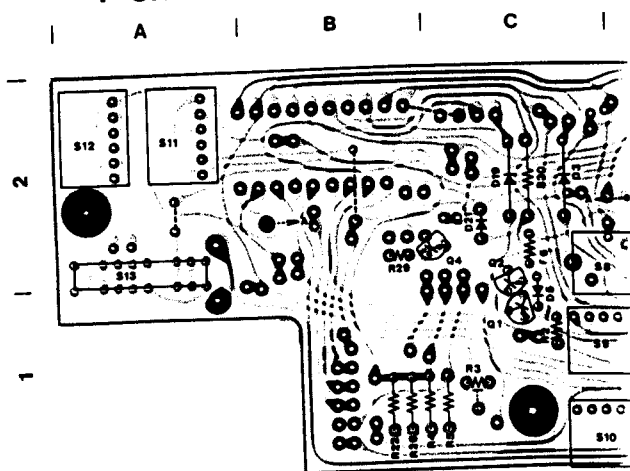
Y BOARD



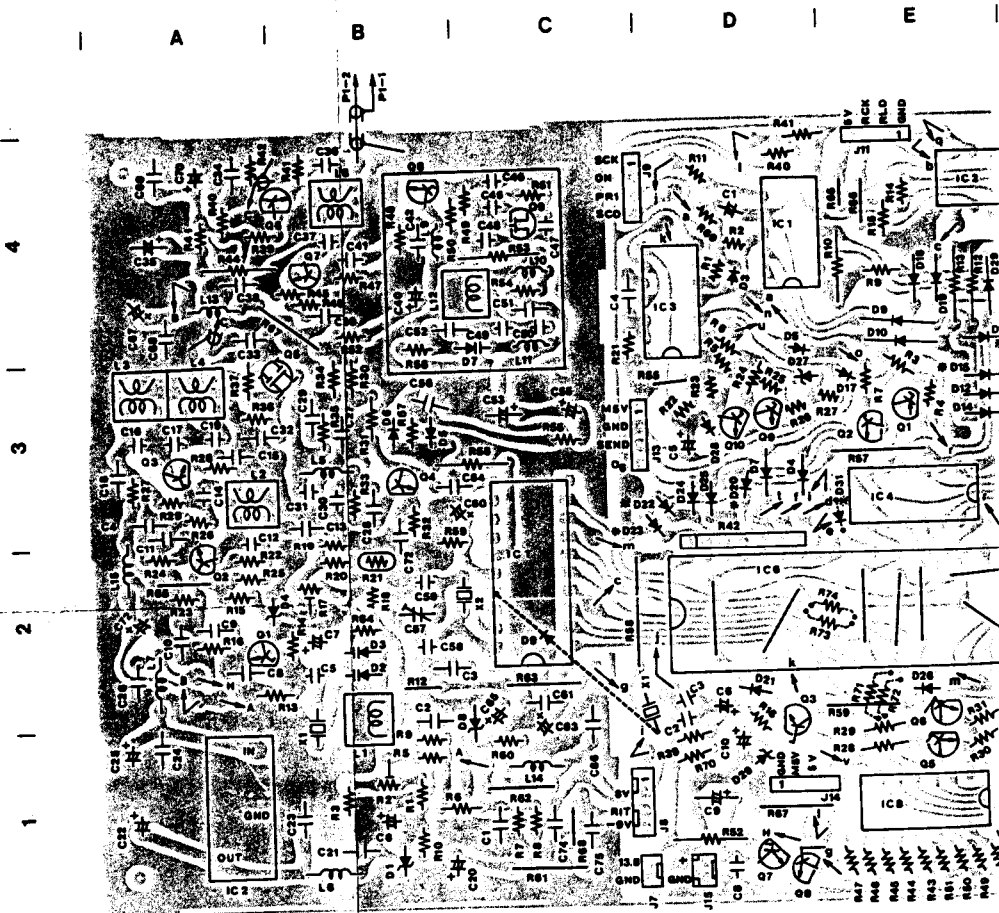
M SW BOARD



F SW BOARD



PLL · LOGIC UNIT



PA UNIT

