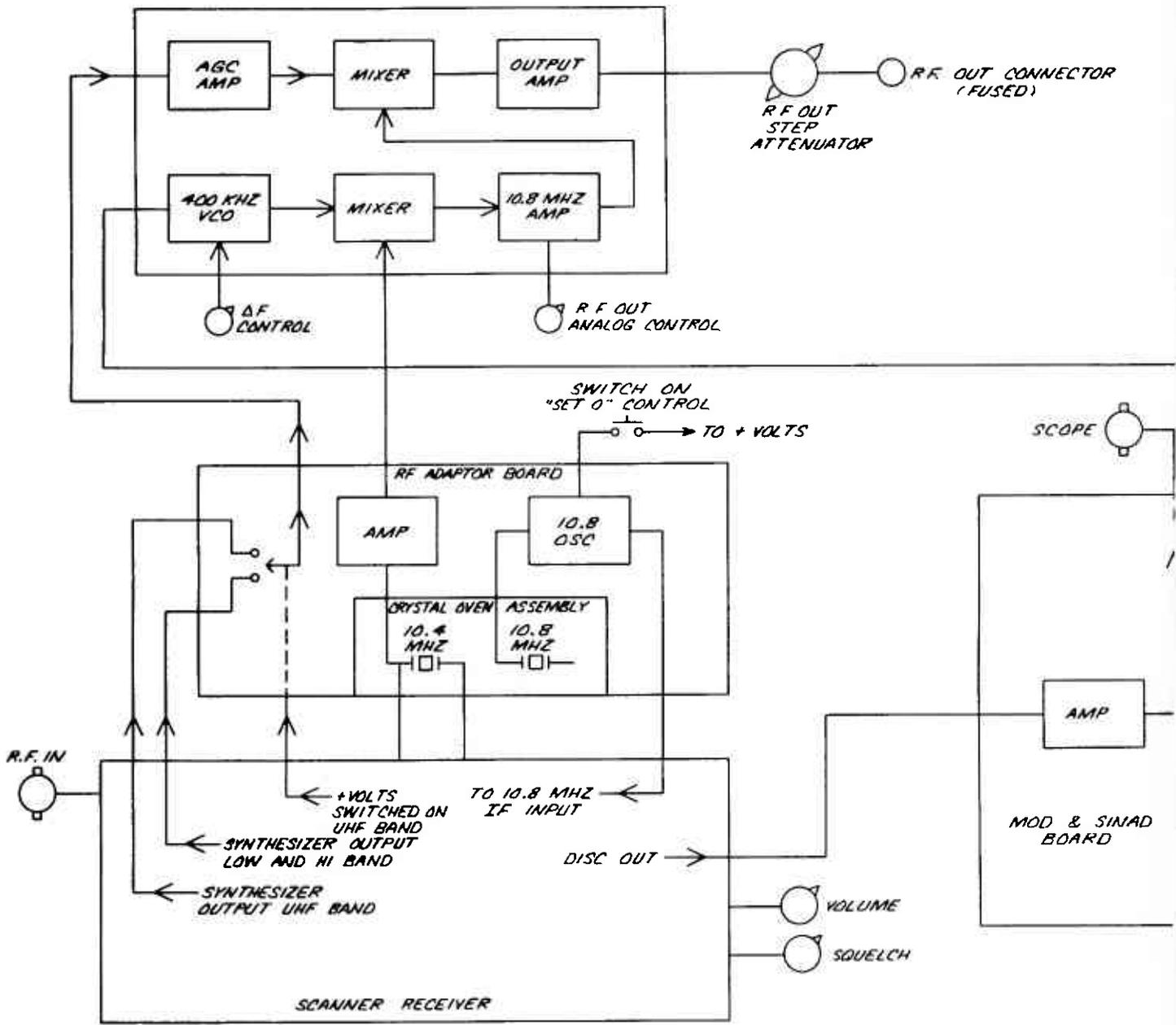
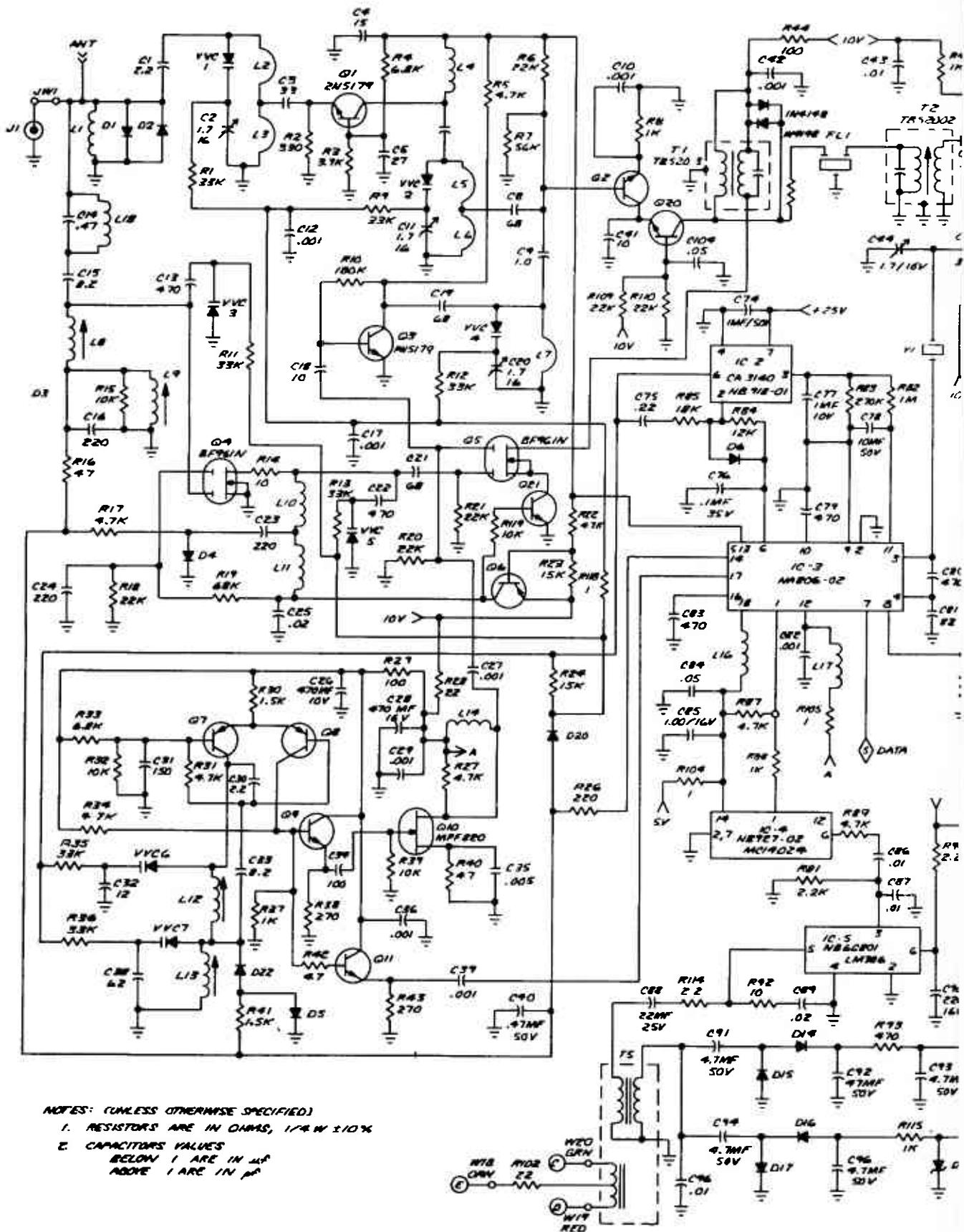


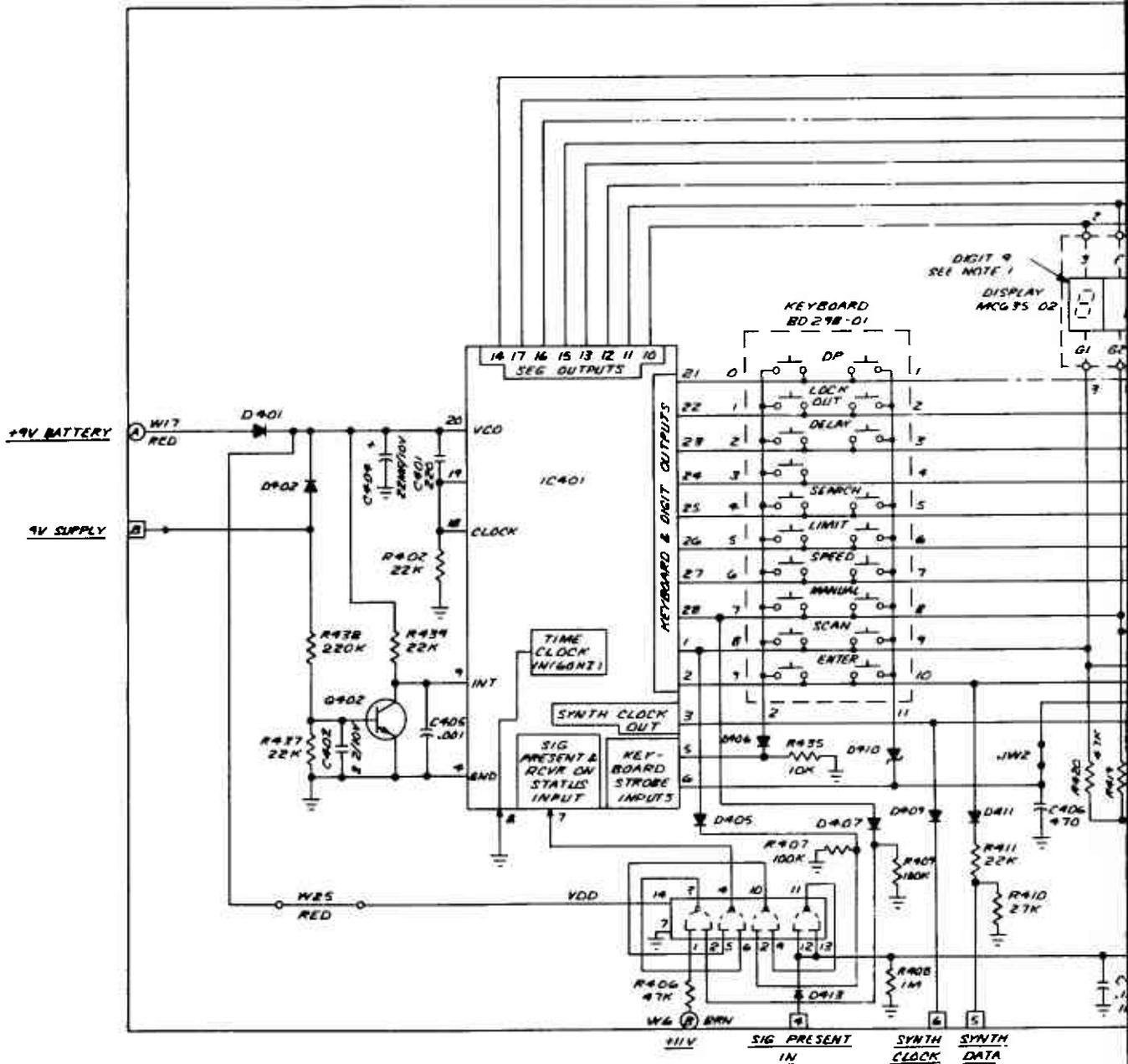
SM-512 SERVICE MANUAL

DRAWING LIST

<u>DWG #</u>	<u>TITLE</u>
1.	Block diagram SM-512
2.	Interconnection diagram, serial # below 5725
3.	Interconnection diagram, serial # above 5725
4.	Scanner chassis, serial # below 5725
5.	Scanner entry and display board, serial # below 5725
6.	Scanner chassis, serial # above 5725
7.	Scanner entry and display board, serial # above 5725
8	Modulation and SINAD board
9	RF Adaptor board
10.	RF board
11.	Power supply, serial # below 5725
12.	Power supply, serial # above 5725
13.	Location of back panel adjustments







+9V BATTERY

9V SUPPLY

14 17 16 15 13 12 11 10
SEG OUTPUTS

VCO

CLOCK

INT

END

VDD

KEYBOARD
BD 298-01

DIGIT 9
SEE NOTE 1

DISPLAY
MCG 95 02

TIME
CLOCK
(N160N21)

SYNTH CLOCK
OUT

SIG
PRESENT &
RCVR ON
STATUS
INPUT

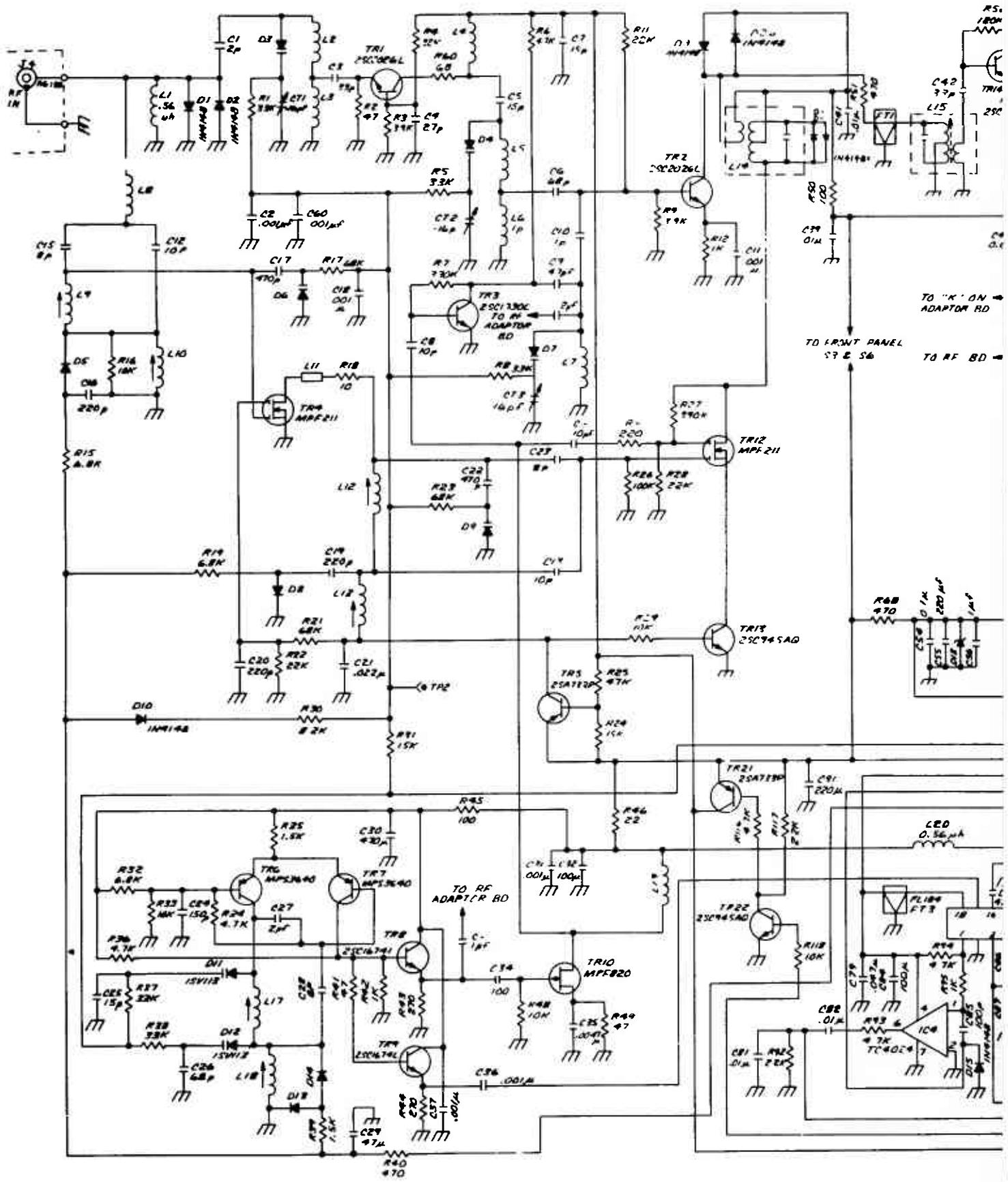
KEY-
BOARD
STORE
INPUTS

11V

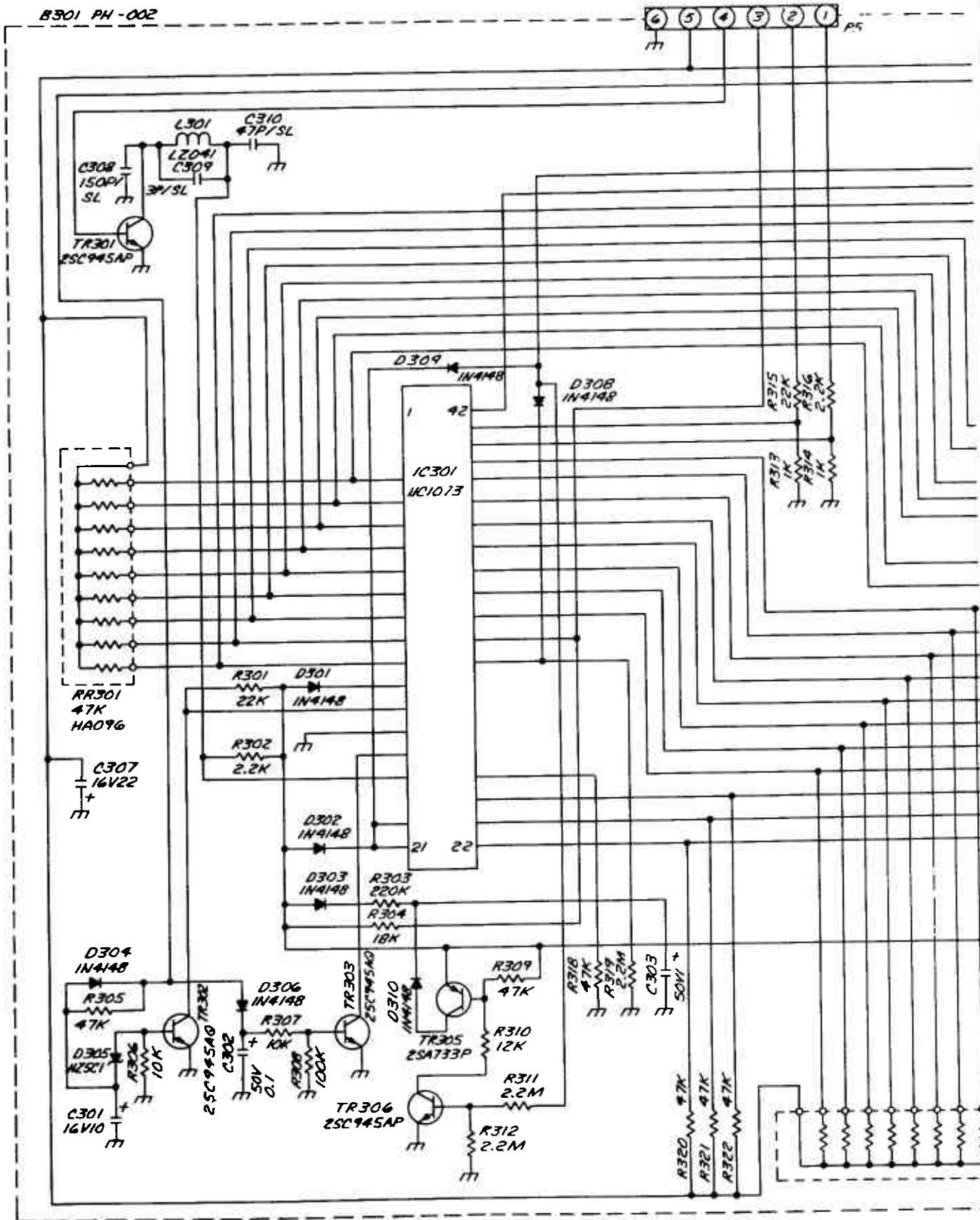
SIG PRESENT
IN

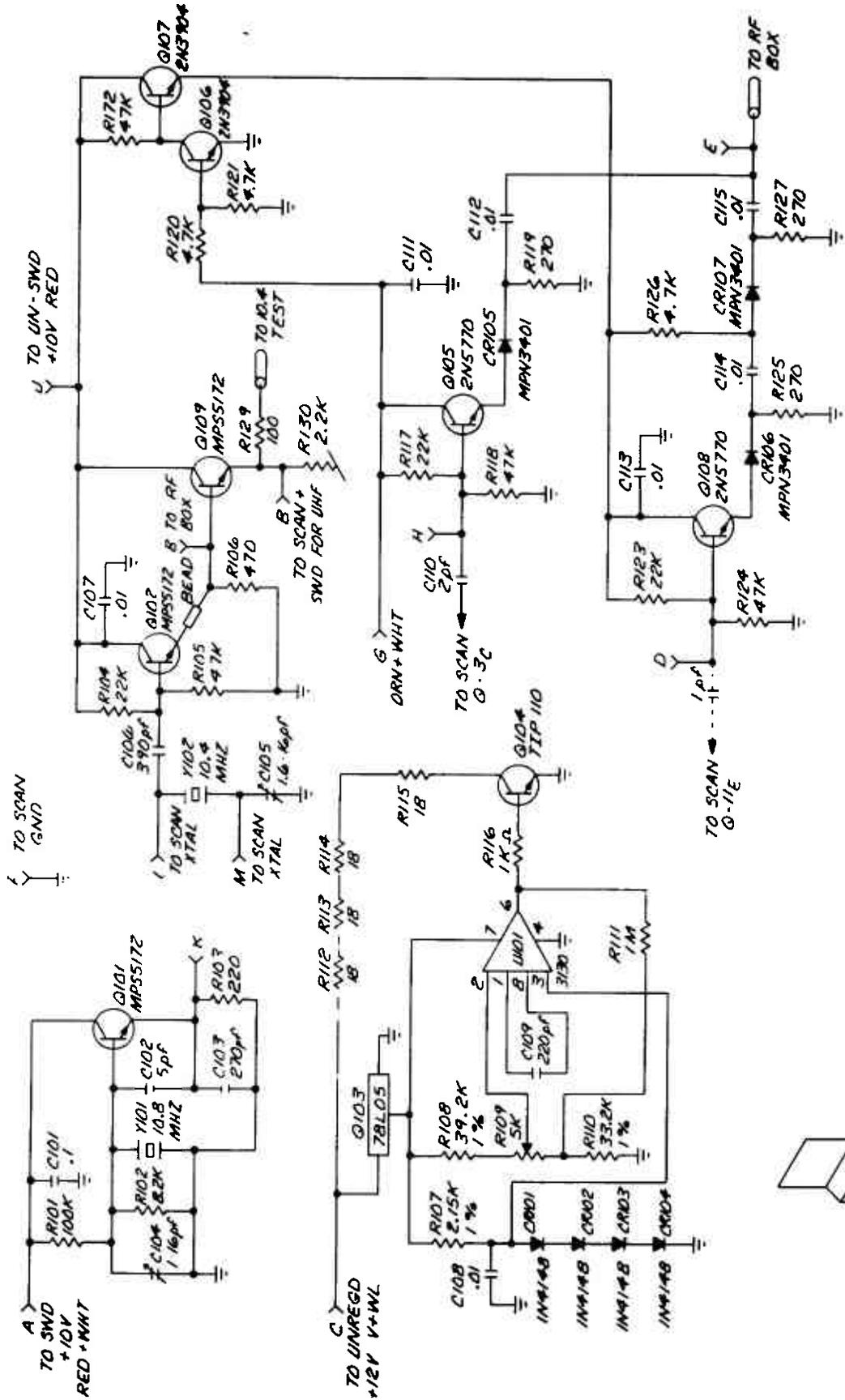
SYNTH
CLOCK

SYNTH
DATA



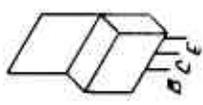
B301 PH-002

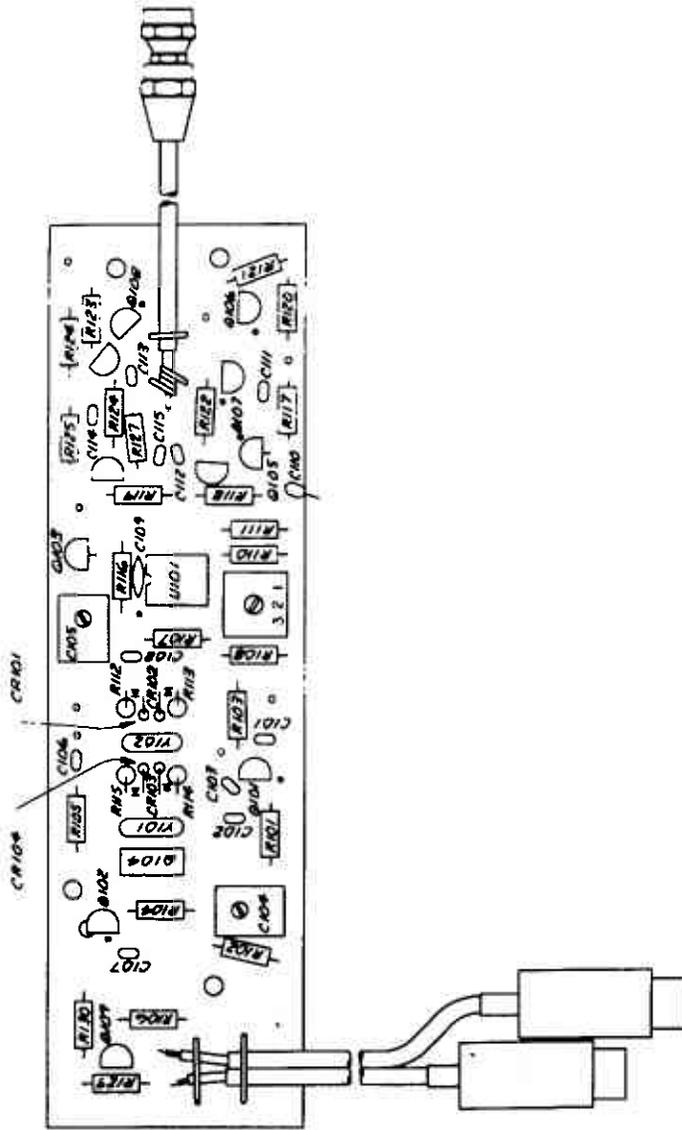


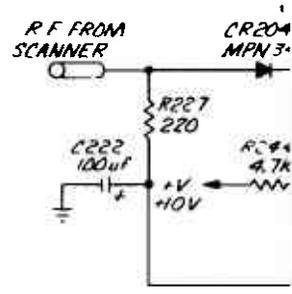
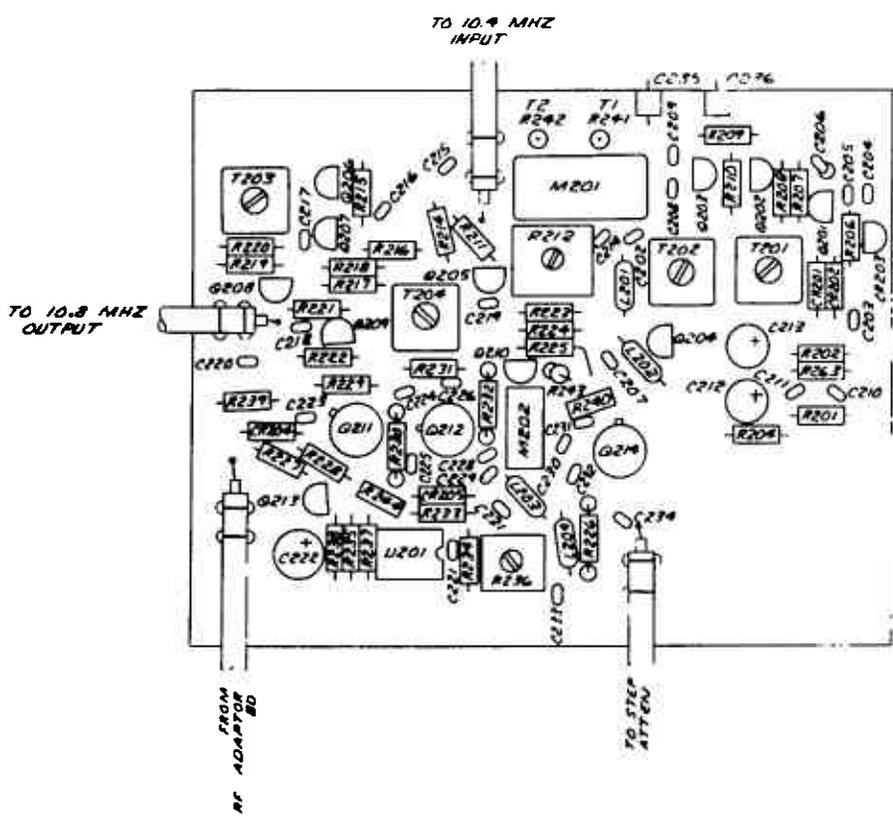
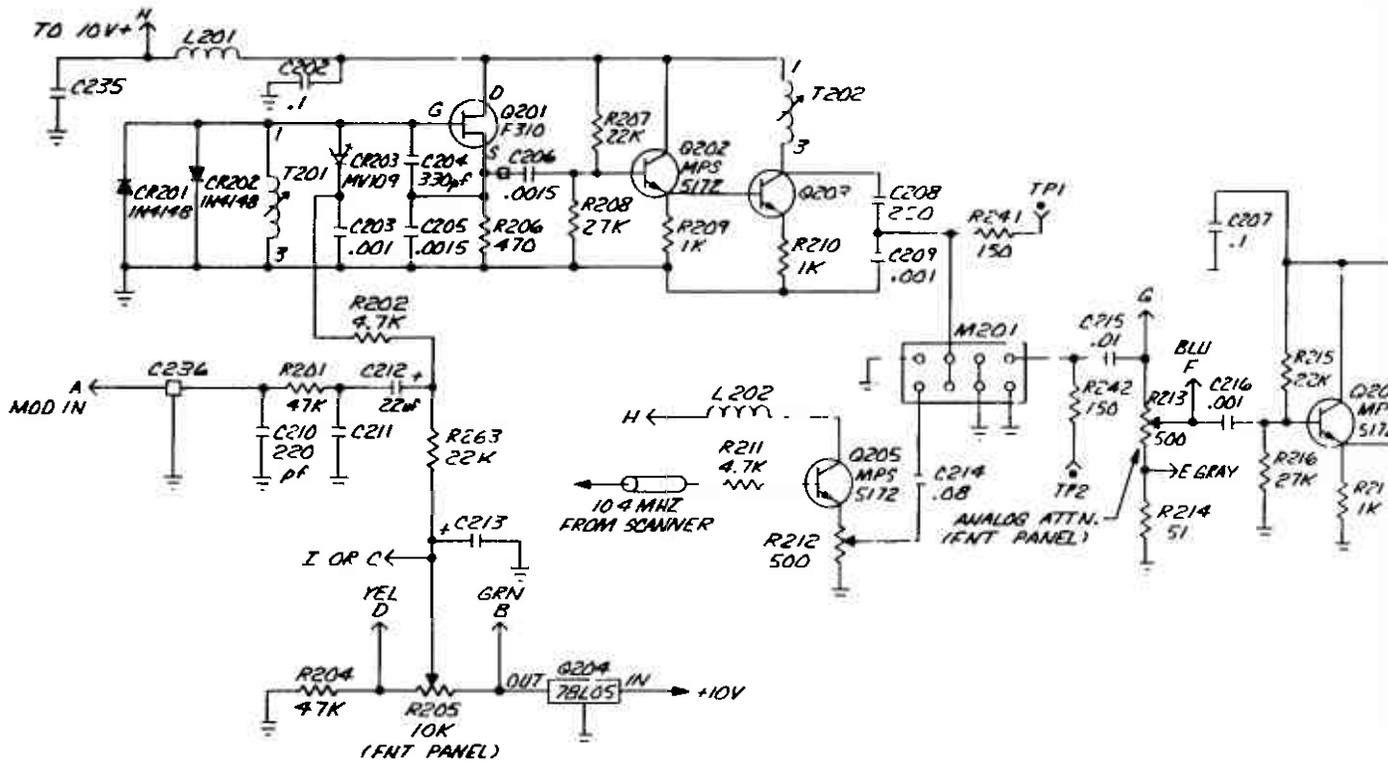


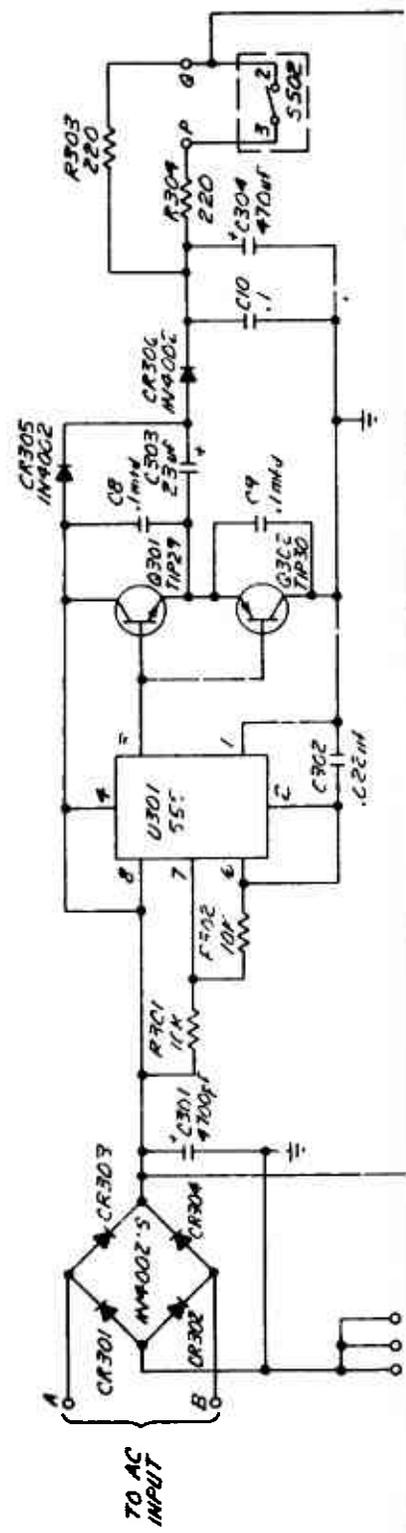
BOTTOM VIEW'S

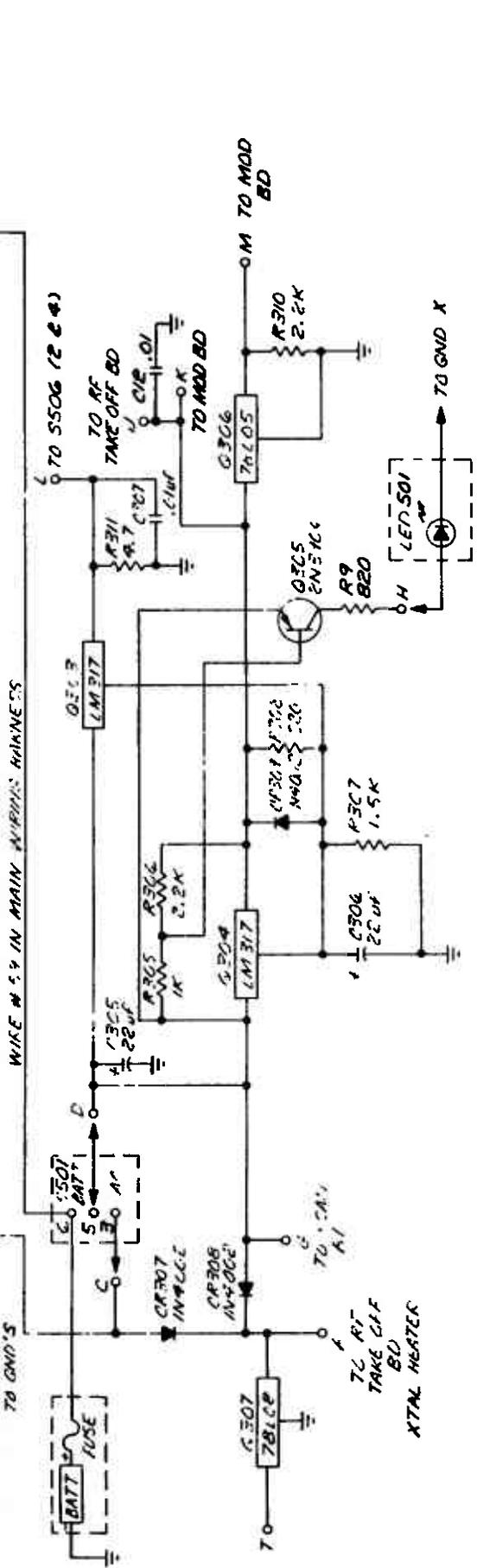
 GND IN OUT



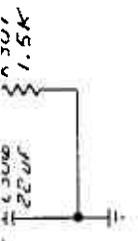
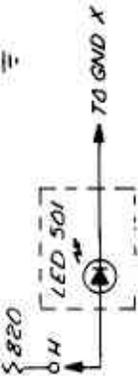




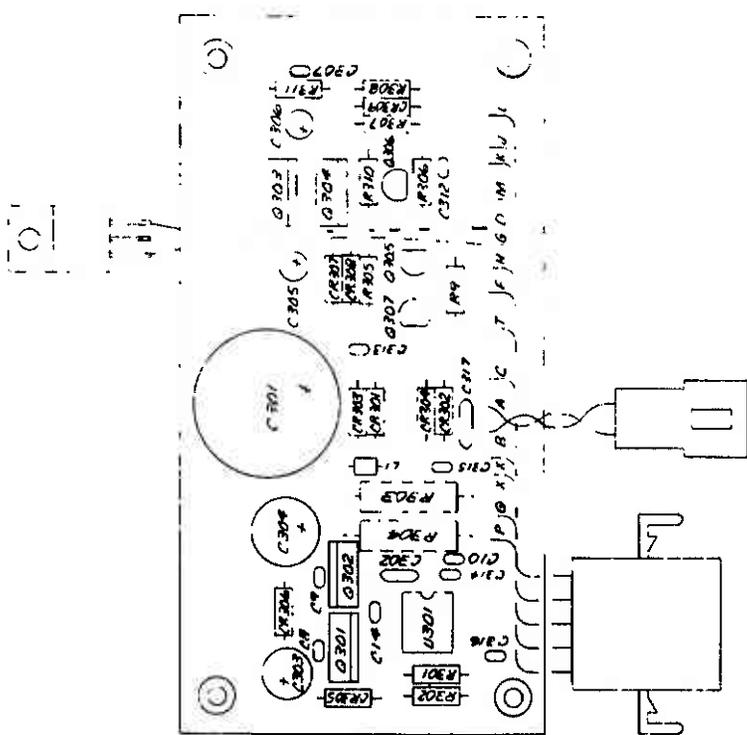




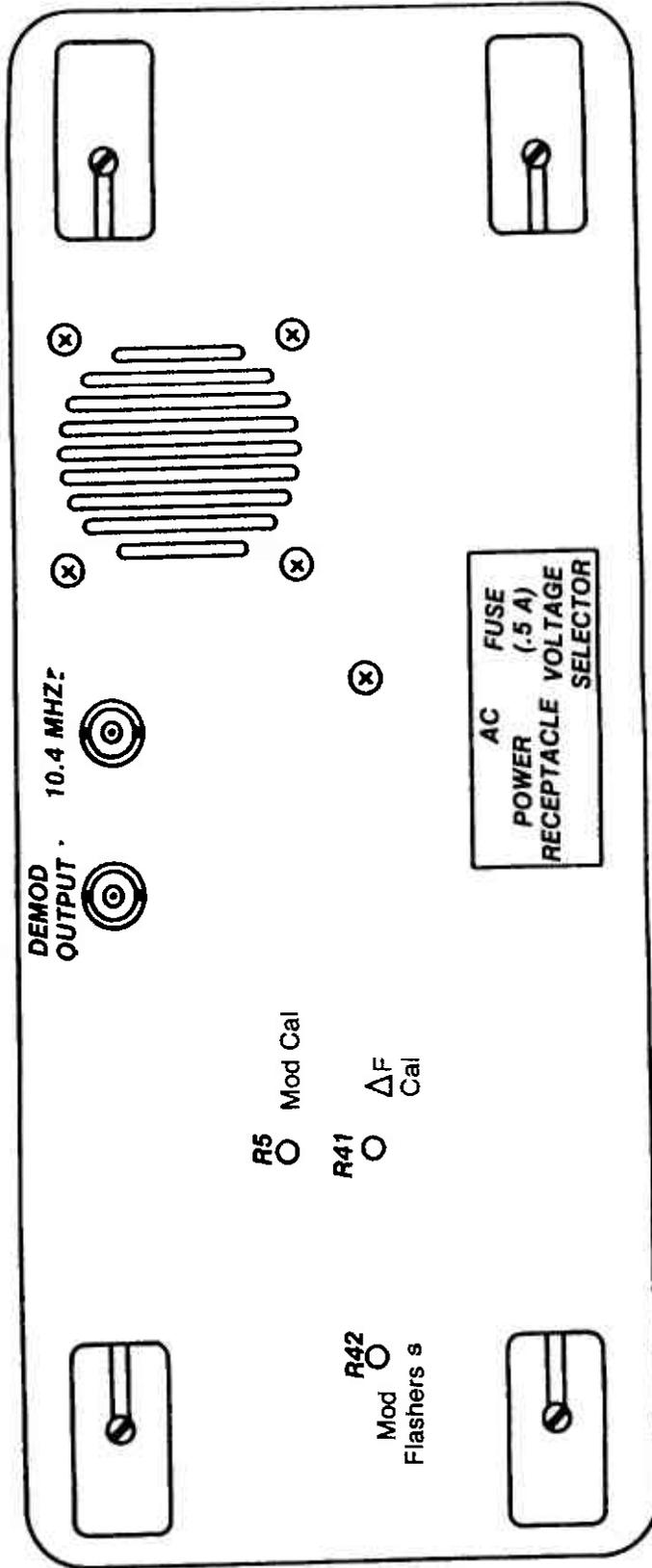
 *
 * -11- POWER SUPPLY, SERIAL BELOW 5725
 *
 *



TO RF
TAKE OFF
BO
XTAL HEATER



 * -12- POWER SUPPLY, SERIAL ABOVE 5725 *



SM-512
 Back Panel Adjustments
 Serial Numbers Below 5725

