

红外遥控彩色电视机 电路图集 (下册)



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本书编写组 编

人民邮电出版社



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红外遥控彩色电视机电路图集(下册)

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人民邮电出版社

李 海 龍 主 編

1

大正 昭和 民國 年 月 日

李善長史部題名

张其成讲读

解題後請注意此題並非特別困難

1

第 4 章 数据库系统概论 10

作者：王 强 编辑：陈 明 校对：李 华 审稿：张 伟

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前 言

随着电视机产品的更新换代，各种型号的红外遥控彩色电视机正在迅速进入千家万户。为了满足城乡广大电视机维修人员和无线电爱好者对这方面资料的需要，我们汇编了这本图集。

本图集汇编了中外21个牌号39种机型红外遥控彩色电视机的电路图、印制电路板图和部分元器件参数及各主要部位信号波形图等资料。

图集中如有错漏之处欢迎读者批评指正。

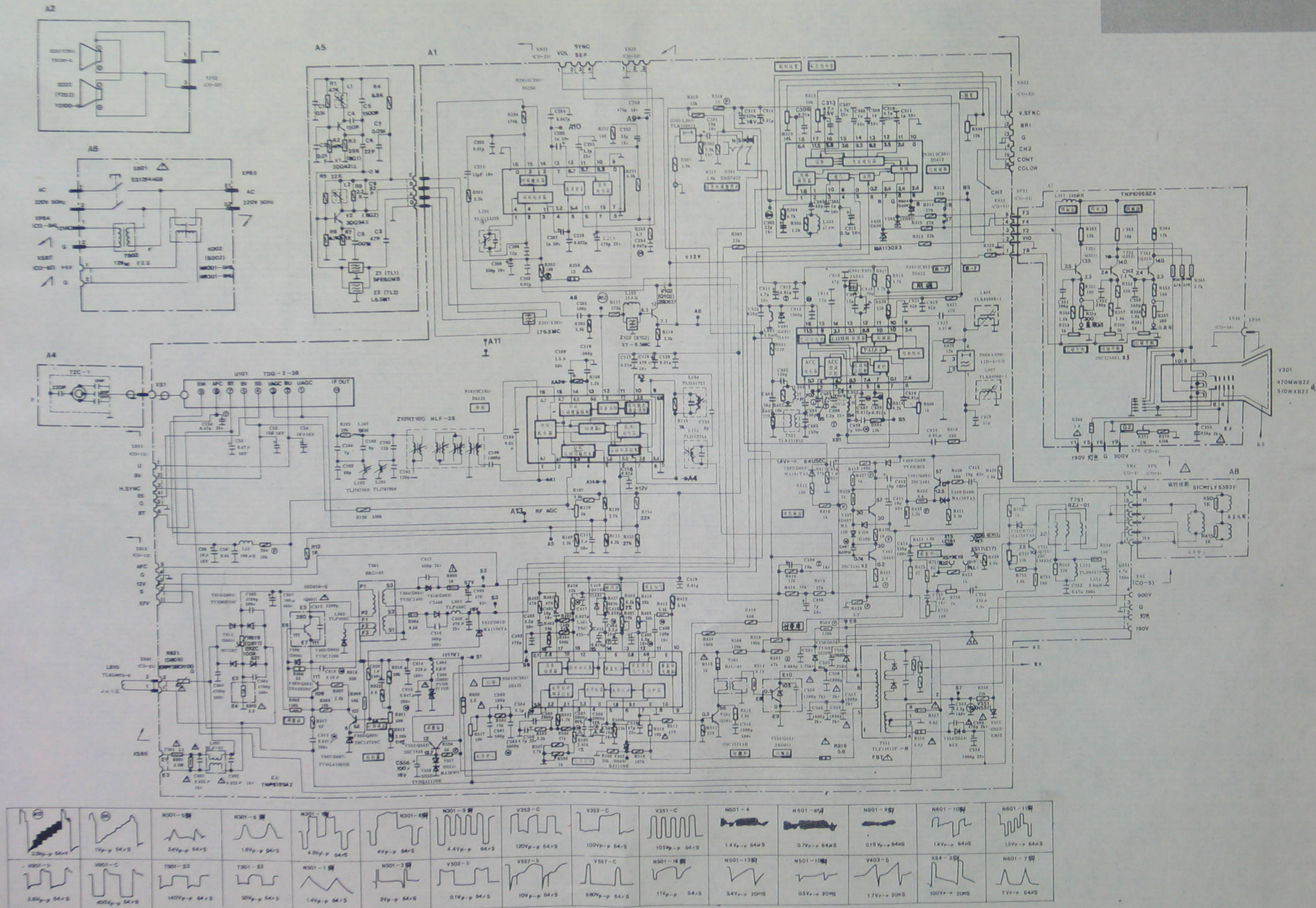
编者

1991年6月

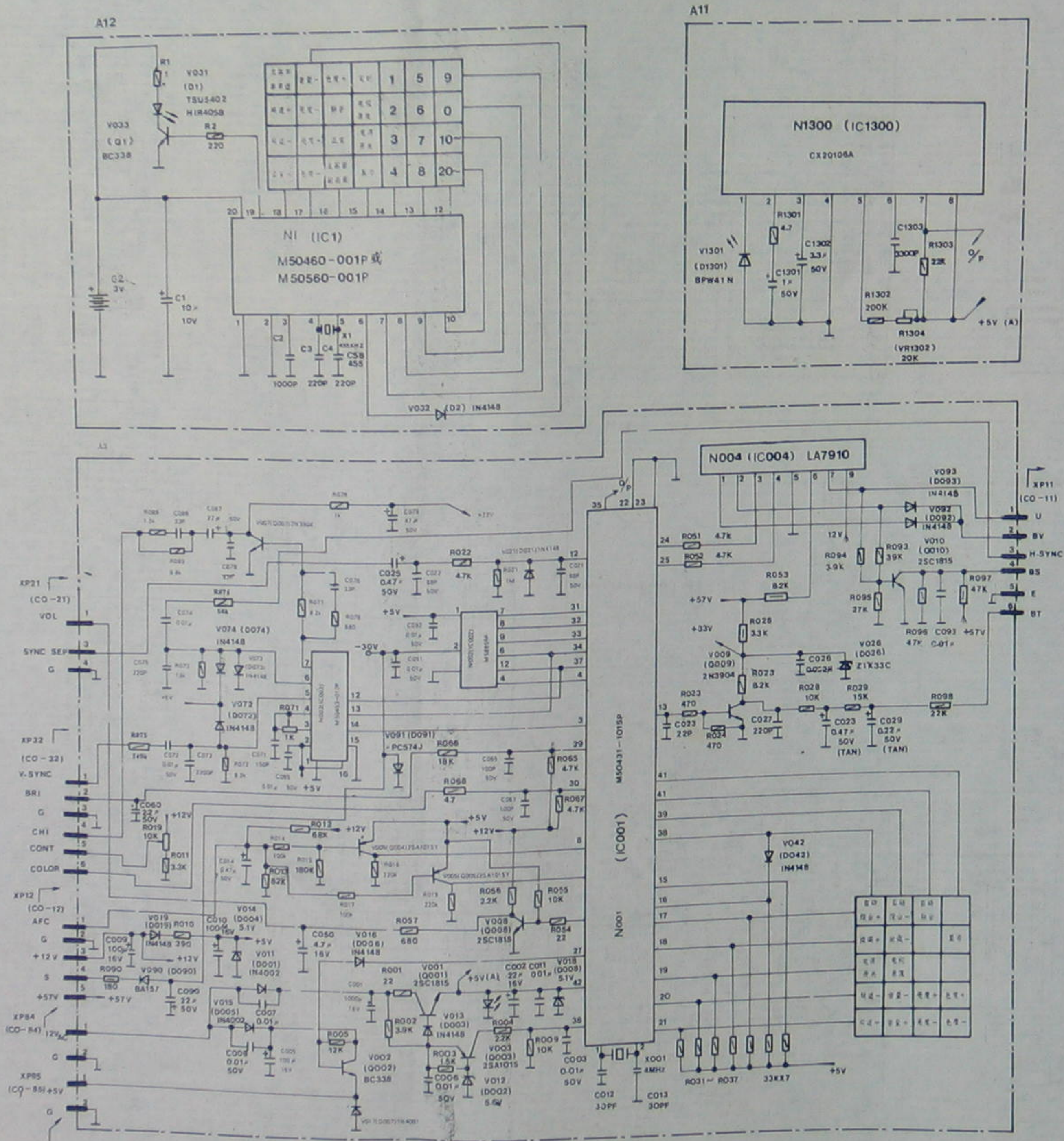
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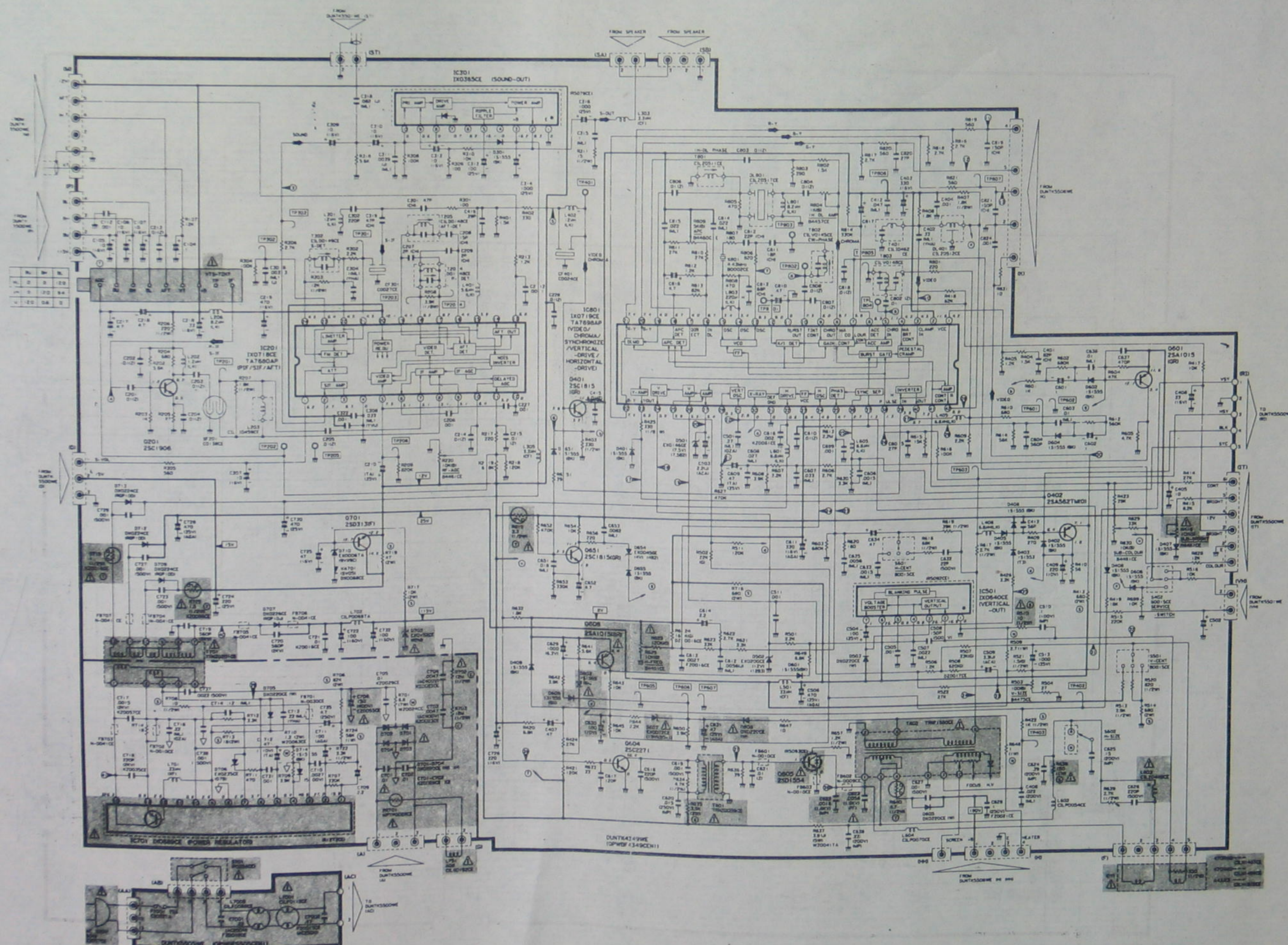
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3 泰山牌 TS51C5A 型	7—8	22 环宇牌 51C—4R 型	47—50
4 泰山牌 TS51CJ5—AV 型	9—10	23 环宇牌 54C—2R 型	51—54
5 青岛牌 47CD3/SR5105 型	11—15	24 成都牌 C53—871 型	55—58
6 青岛牌 SR5413 型	16—19	25 沈阳牌 SDSY51/54—2 型	59—60
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18 牡丹牌 51C5 型	37—38	37 奥林匹亚牌 5382 型	109—110
19 牡丹牌 51C5A 型	39—40	38 沙巴牌 T51SC32—D2 型	111—112
		39 东芝牌 219R9C 型	113—114



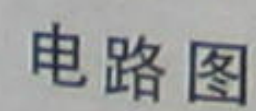
电路图

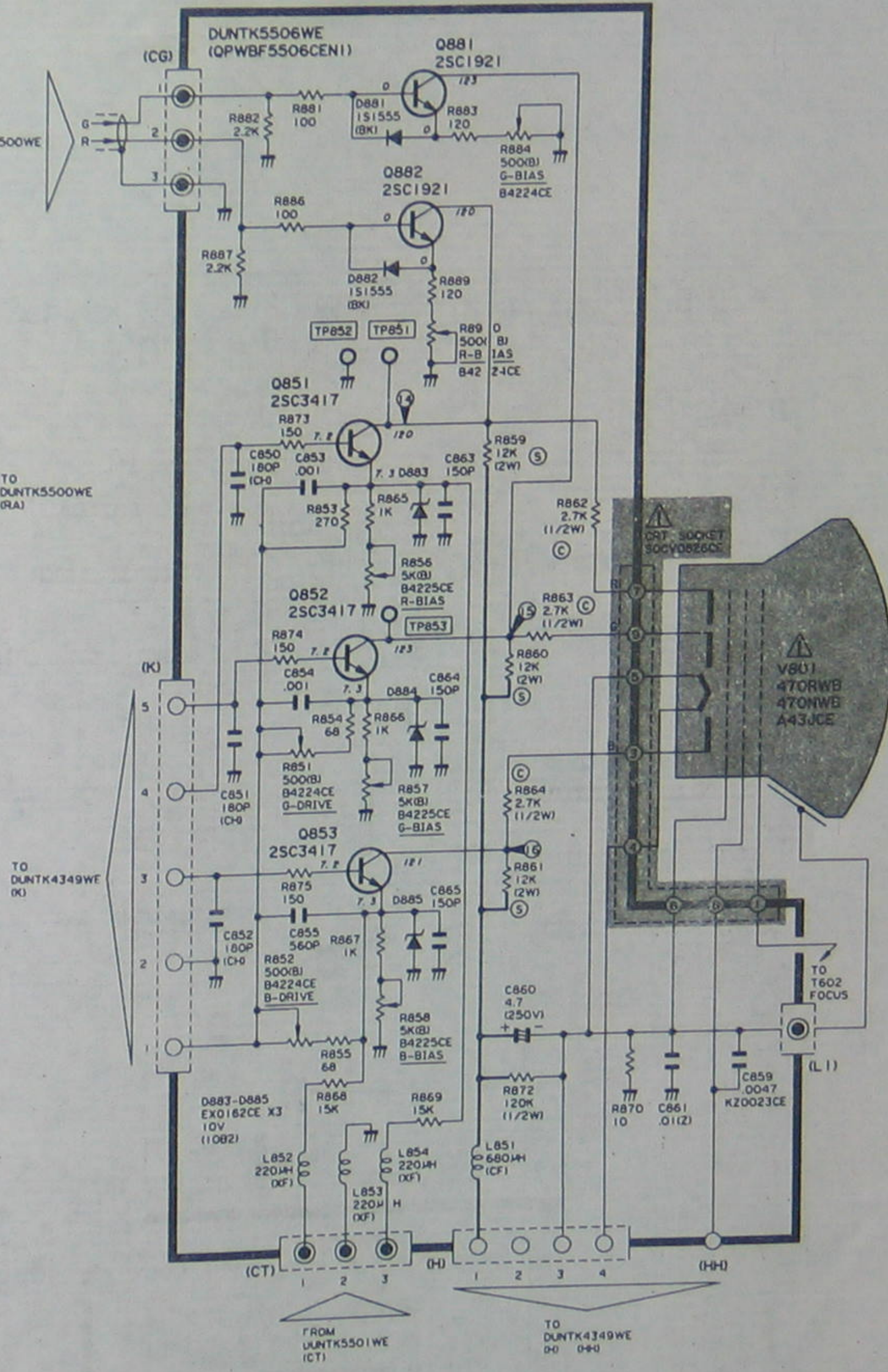
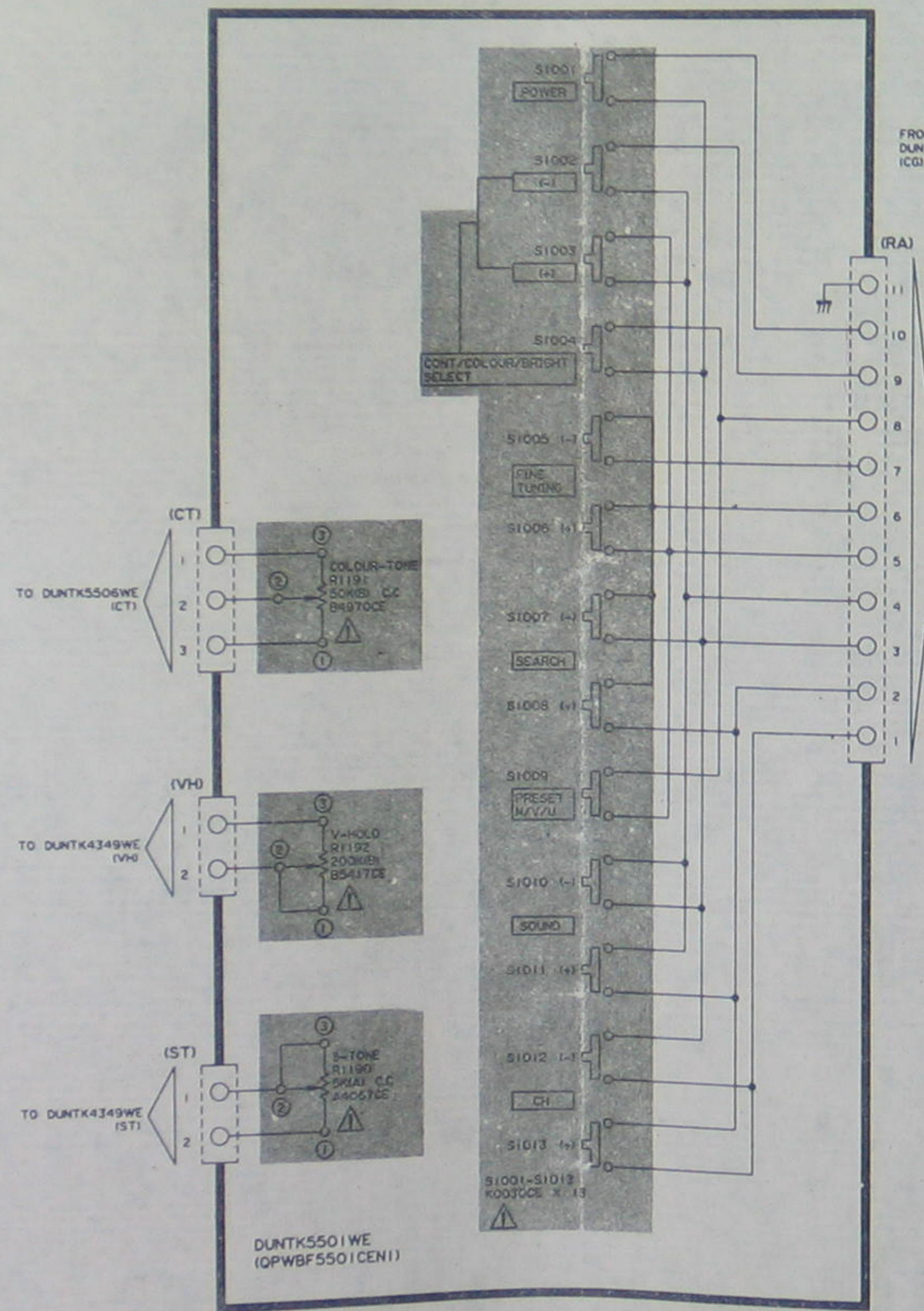
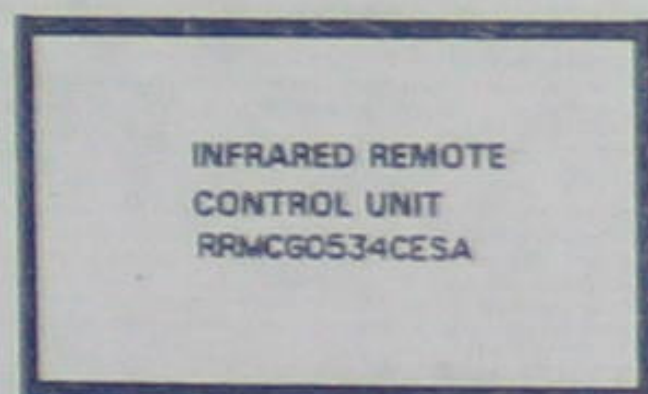
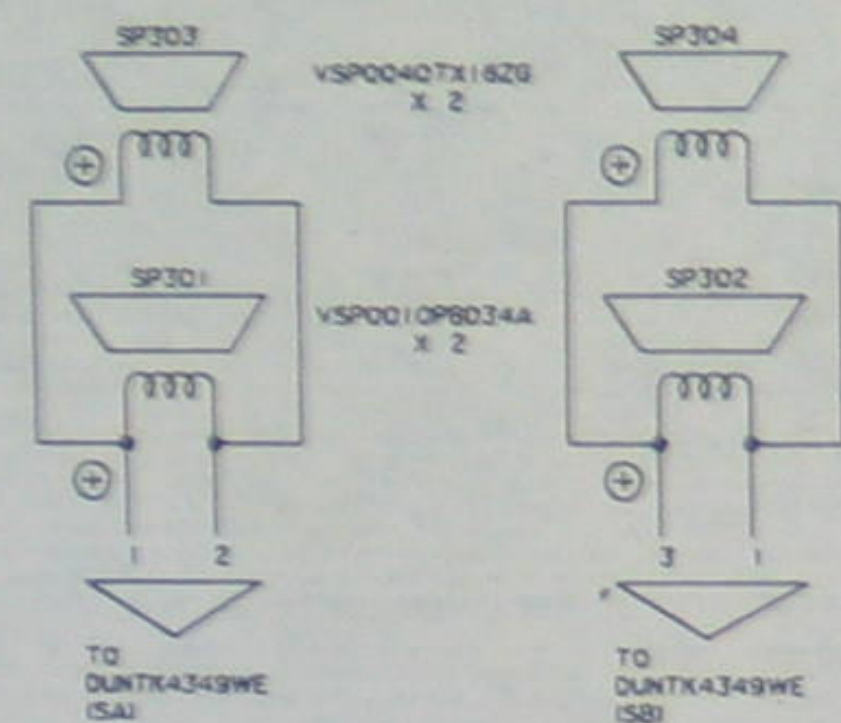


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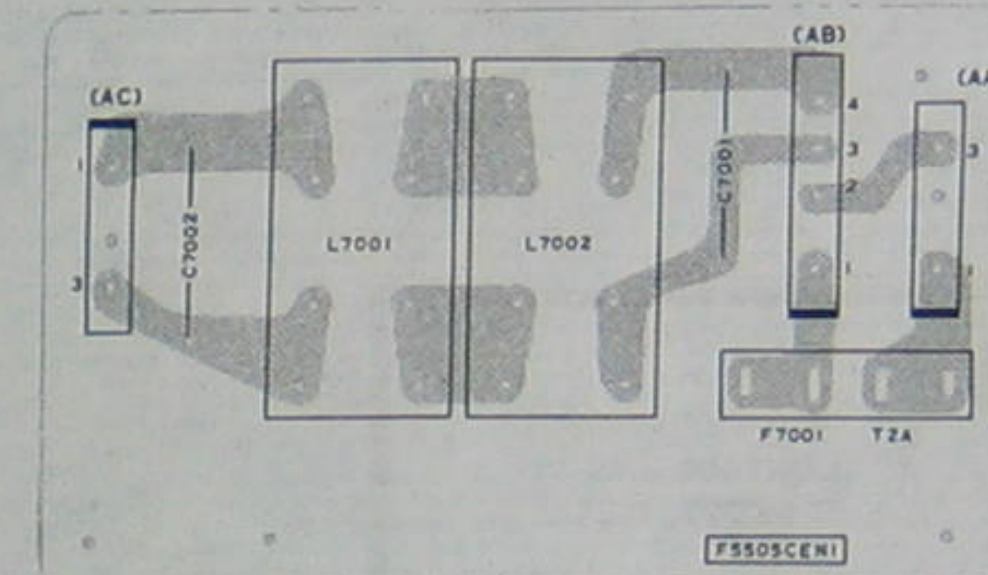
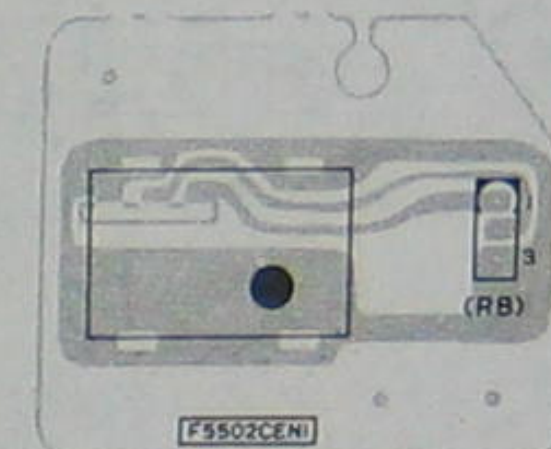
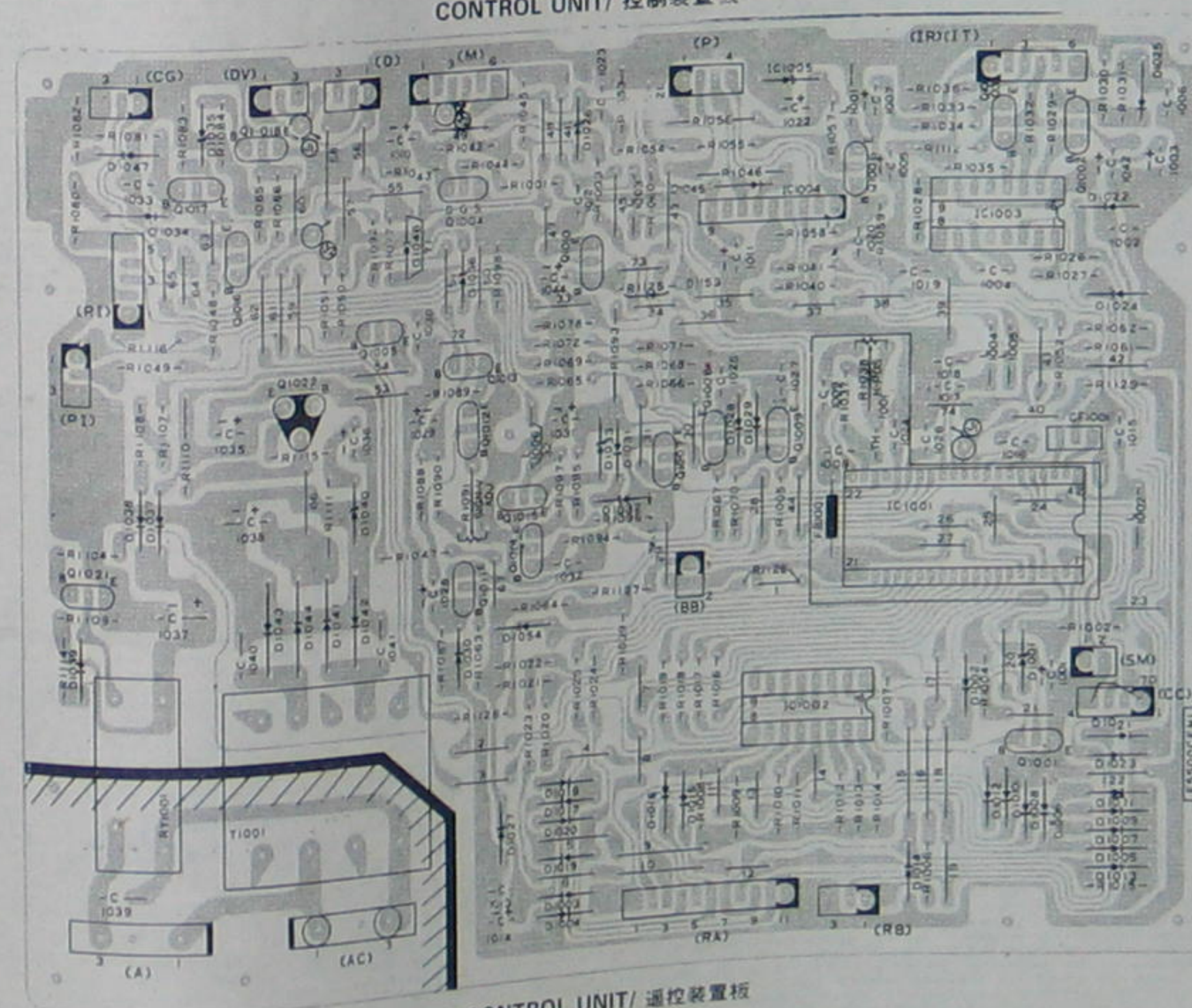
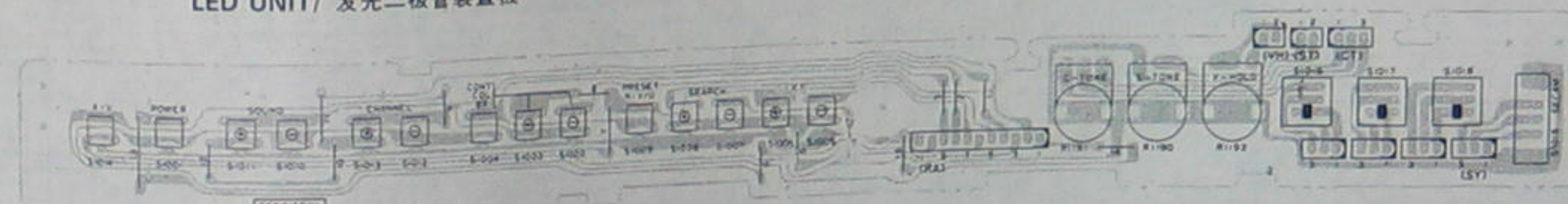
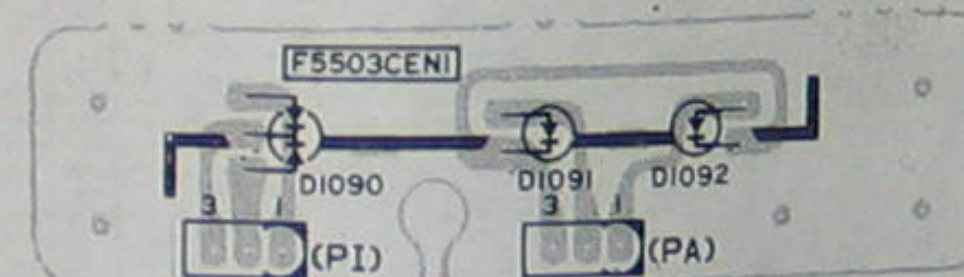
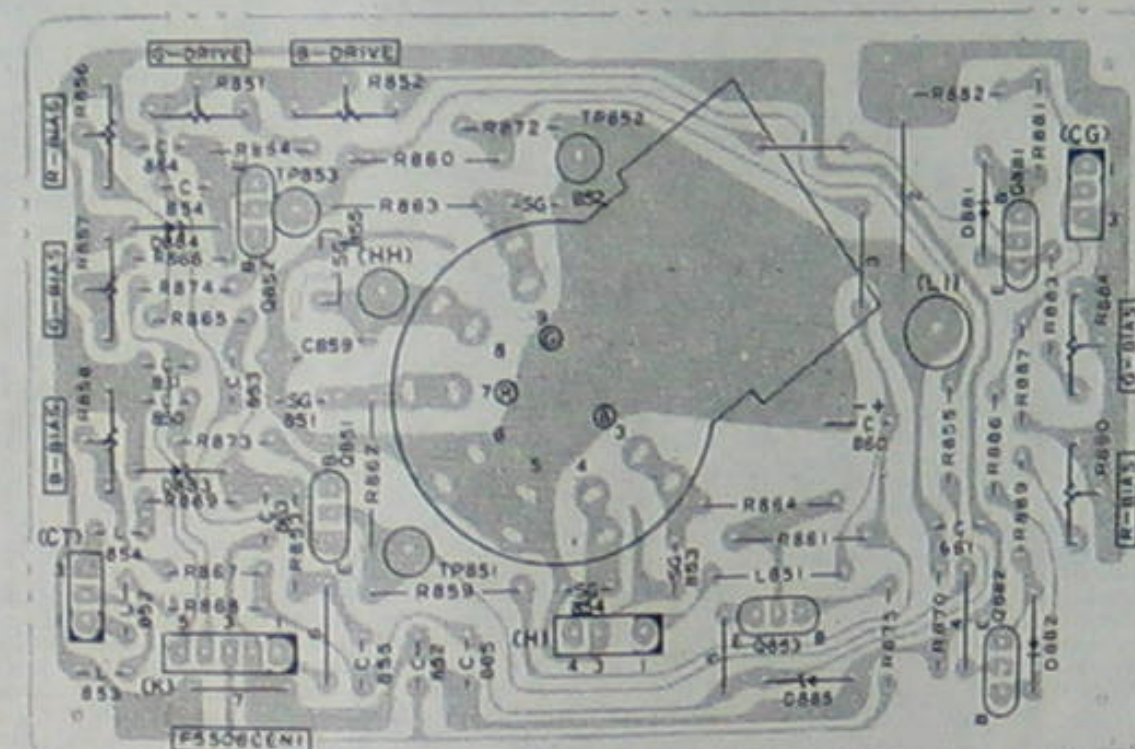
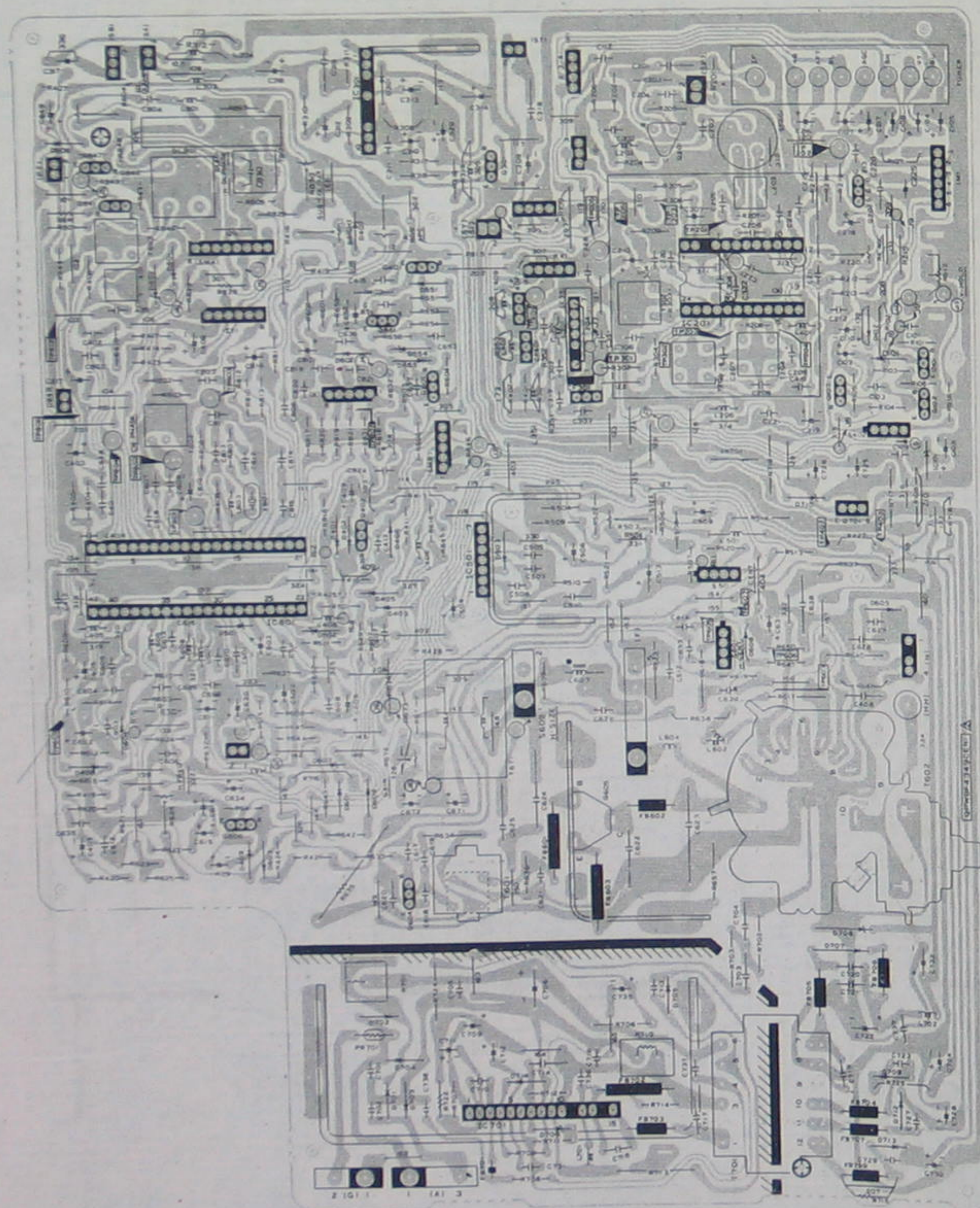


电路图





电路图



印制电路板图

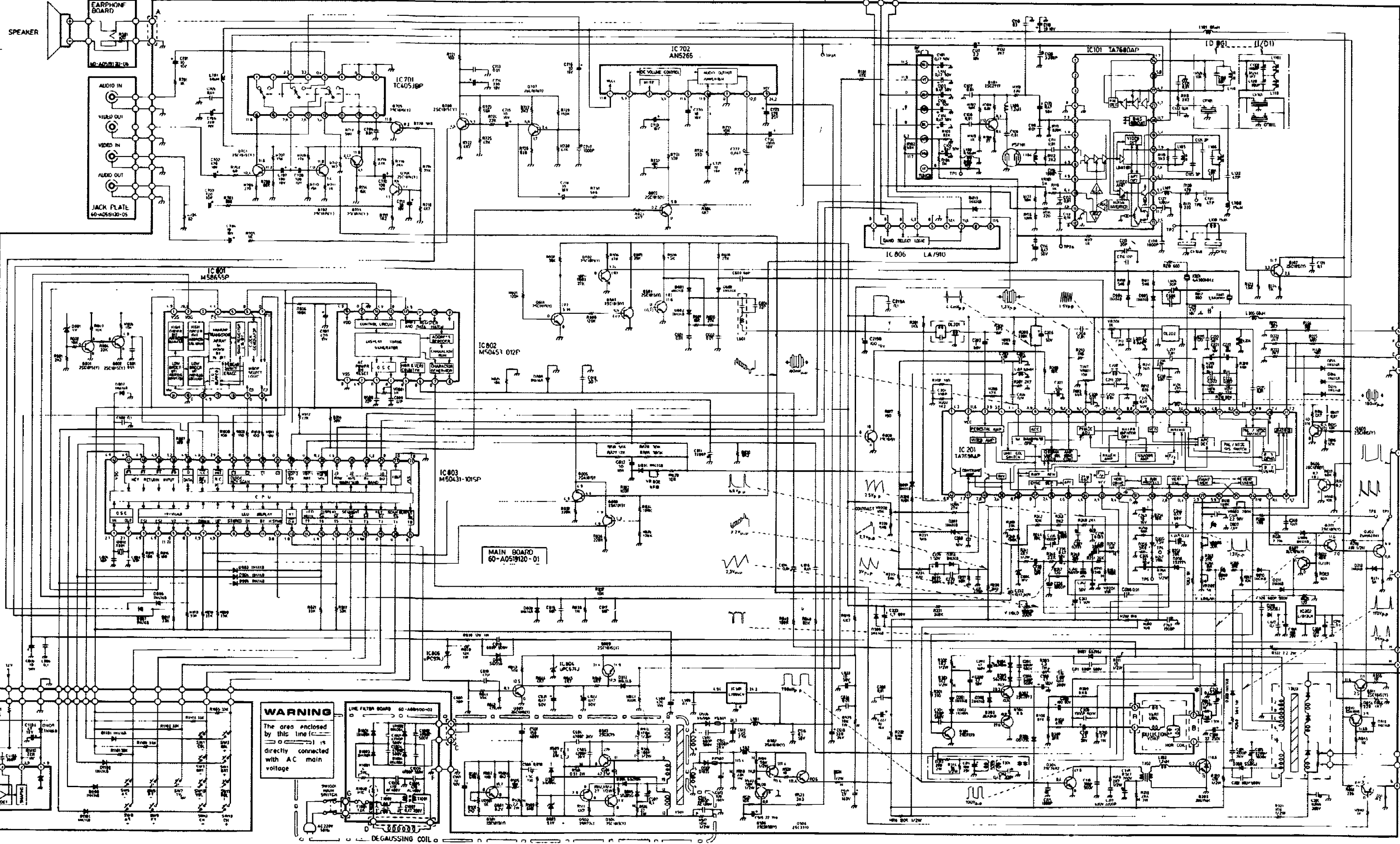
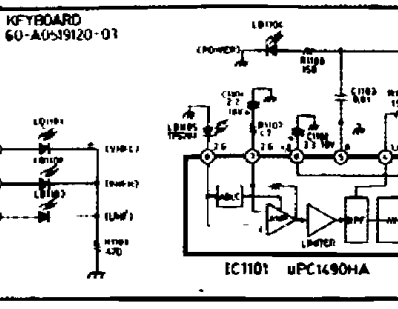
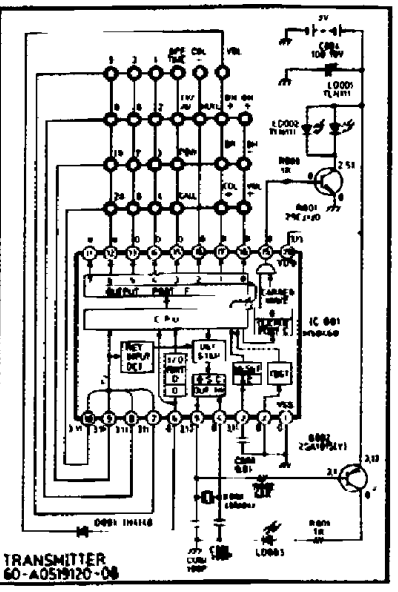
WARNING:
Before servicing this chassis read the X-RAY RADIATION PRECAUTION & PRODUCT SAFETY NOTICE of this manual.

CAUTION:
The shaded areas in the schematic diagram and the parts list designate components which have special characteristics important for safety and should be replaced only with types identical to those in the original circuit or specified in the parts list. Before replacing any of these components, read carefully the PRODUCT SAFETY NOTICE of the manual. Do not degrade the safety of the receiver through improper servicing.

NOTE:

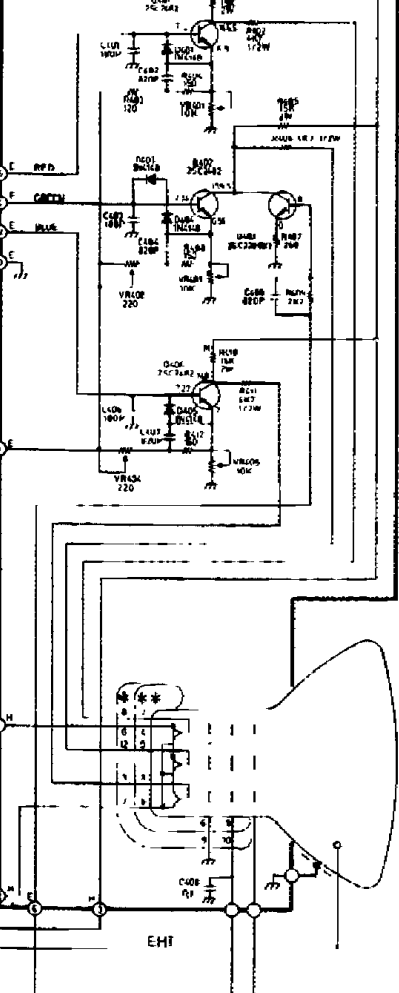
1. Voltages are measured with DVM from point indicated to chassis ground using color bar signal with all controls at normal position.
2. Waveforms are measured with synchroscope from point indicated to chassis ground, using color bar signal with all controls at normal position.
3. All resistors are 1/4W ±5% carbon film resistor unless otherwise listed.
Resistance unit is in ohm M=1,000,000 K=1,000.

RESISTOR TYPES	SYMBOL
CARBON FILM	—
CARBON COMPOSITION	—
METAL OXIDE ±5%	—
METAL OXIDE ±2%	—
FUSIBLE	—
NON INFLAMMABLE	—
PTC THERMISTOR	—
VARIABLE	—
* All capacitors are 50WV ceramic capacitor unless otherwise listed. Capacitance unit is in pFD unless otherwise listed.	
CAPACITOR TYPES	SYMBOL
CERAMIC	—
TANTALUM	—
POLYESTER FILM	—
POLYPROPYLENE FILM	—
METAL POLYESTER FILM	—
POLY POLYESTER FILM	—
ELLYCHLYTIC	—
TRIMMER	—



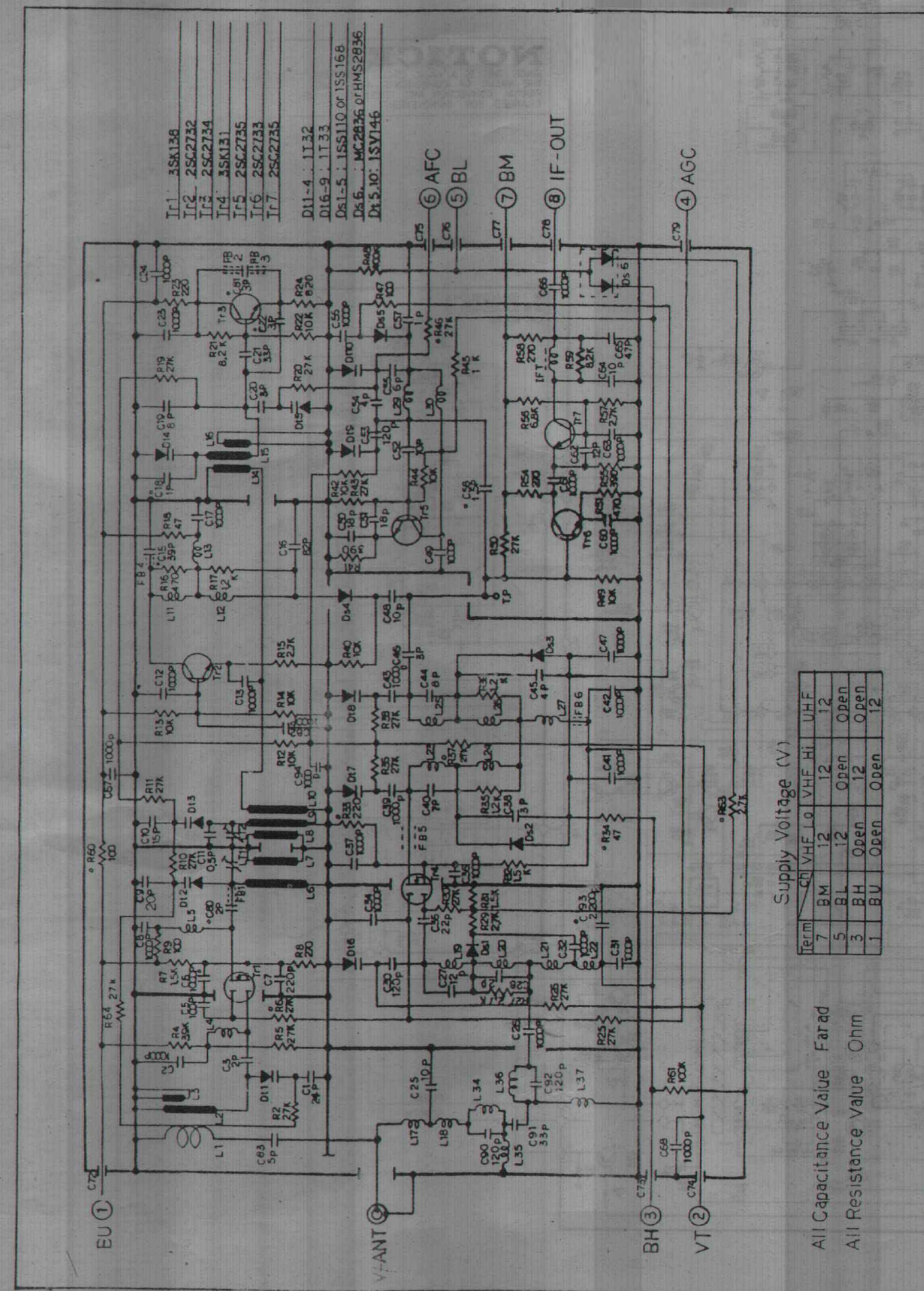
NOTICE:
SINCE THIS IS A BASIC CIRCUIT DIAGRAM THE VALUE OF COMPONENTS AND SOME PARTIAL CONNECTION ARE SUBJECT TO BE CHANGED FOR IMPROVEMENT.

* 60-A059120-04
** 60-A059120-07
CRT BOARD

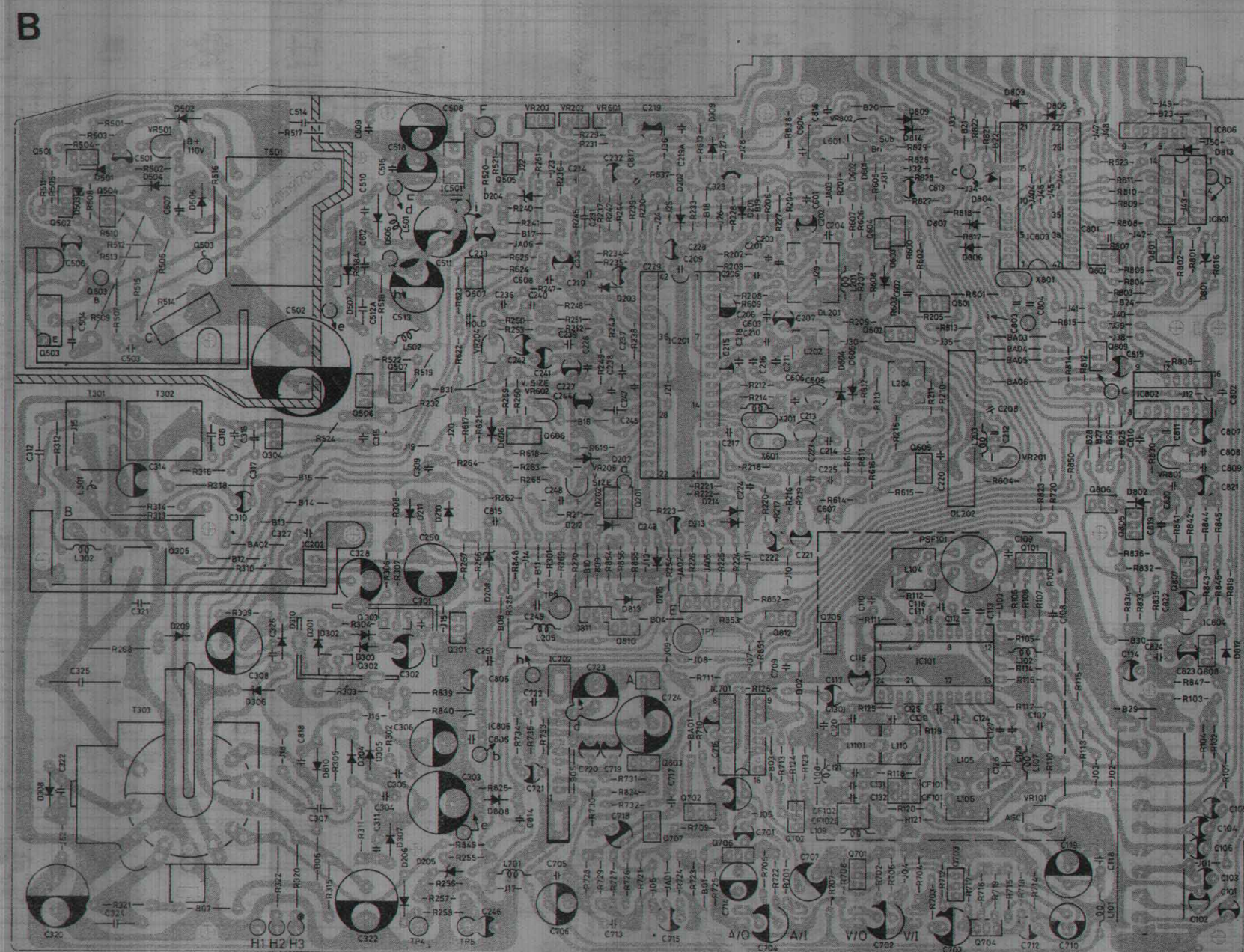


电路图

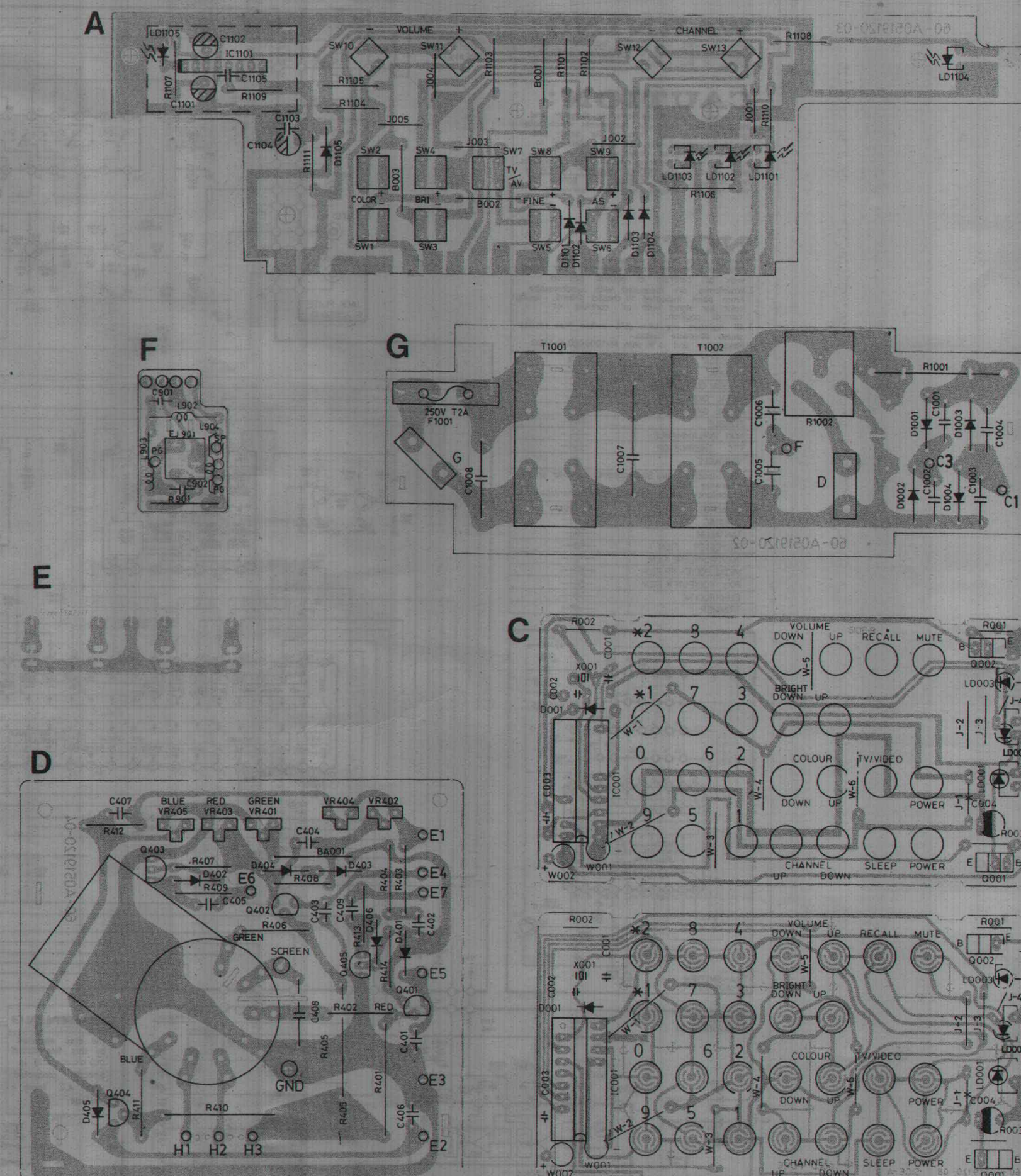
TUNER 调谐器

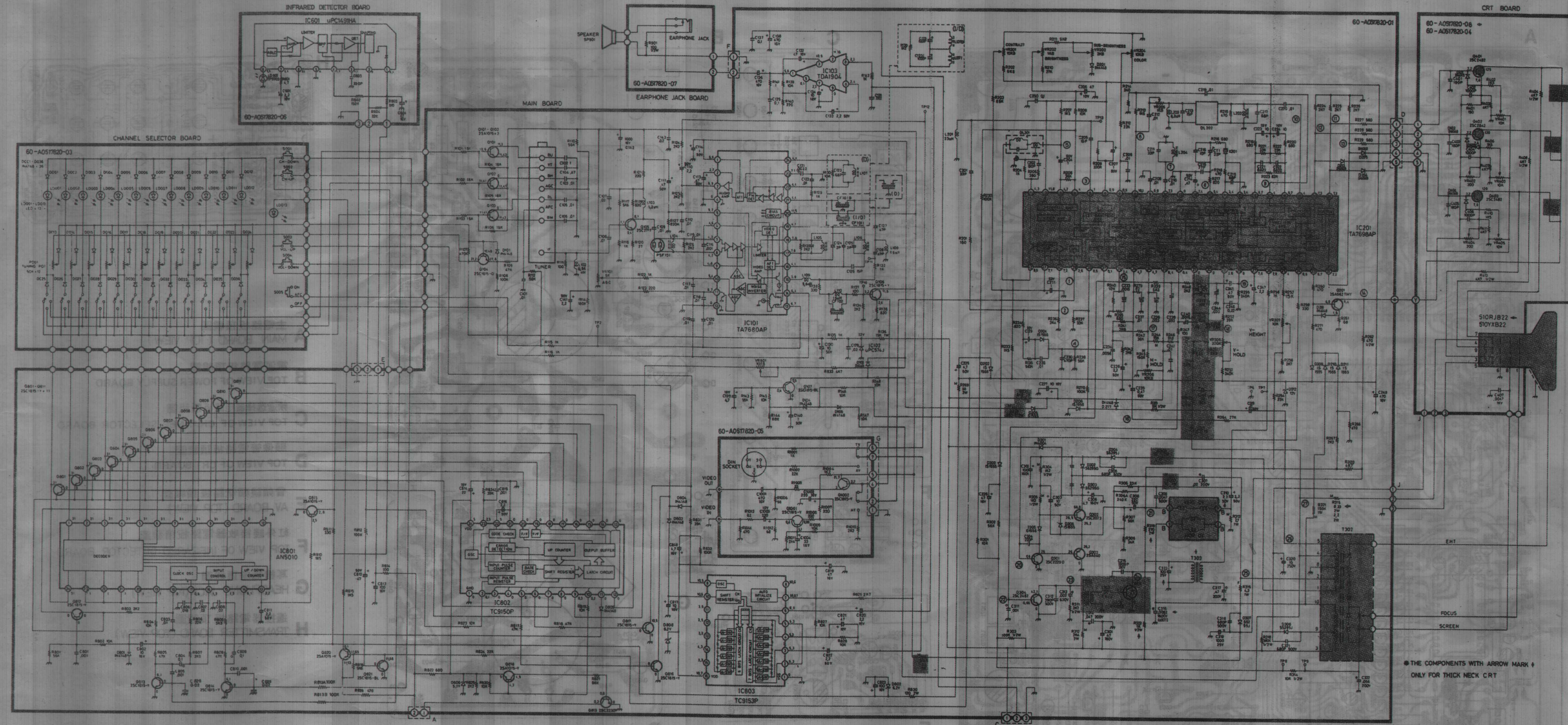


- A. 鍵盤電路板
KEY BOARD
- B. 主電路板
MAIN BOARD
- C. 遙控器電路板
REMOTE CONTROL BOARD
- D. 顯像管電路板
CRT BOARD
- E. 音頻視頻連接電路板
AV CONNECTER BOARD
- F. 耳機插座電路板
EARPHONE BOARD
- G. 電源濾波電路板
FILTER BOARD



印制电路板图

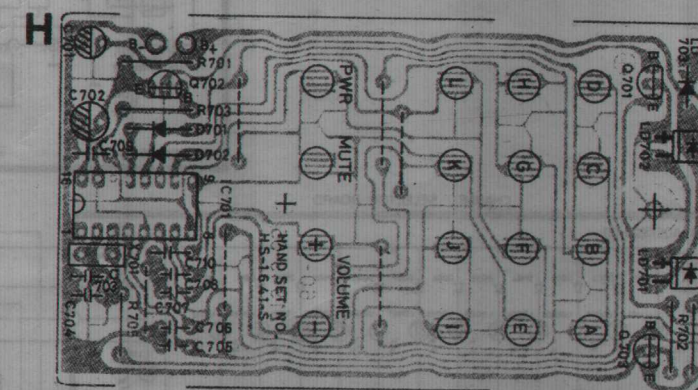
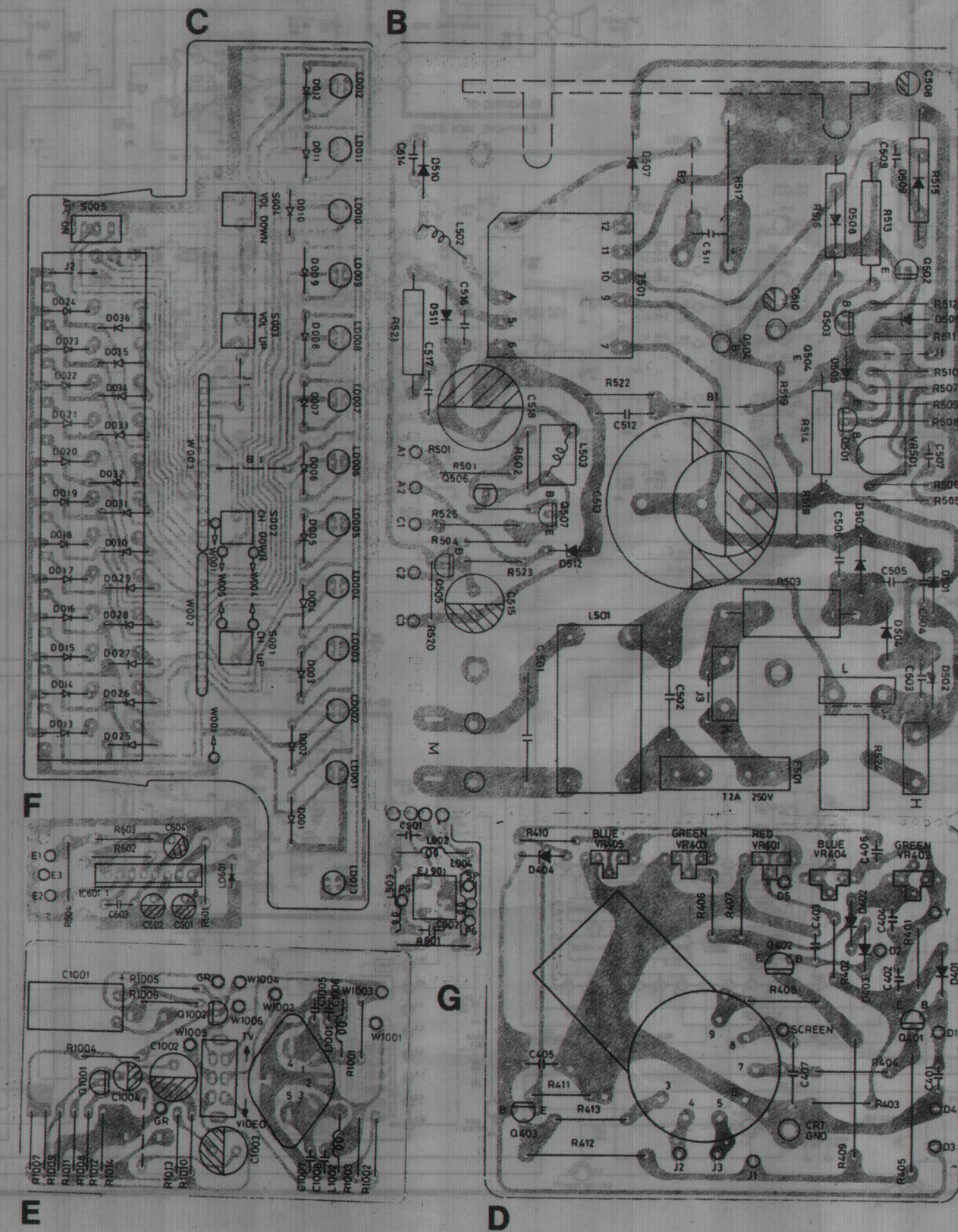
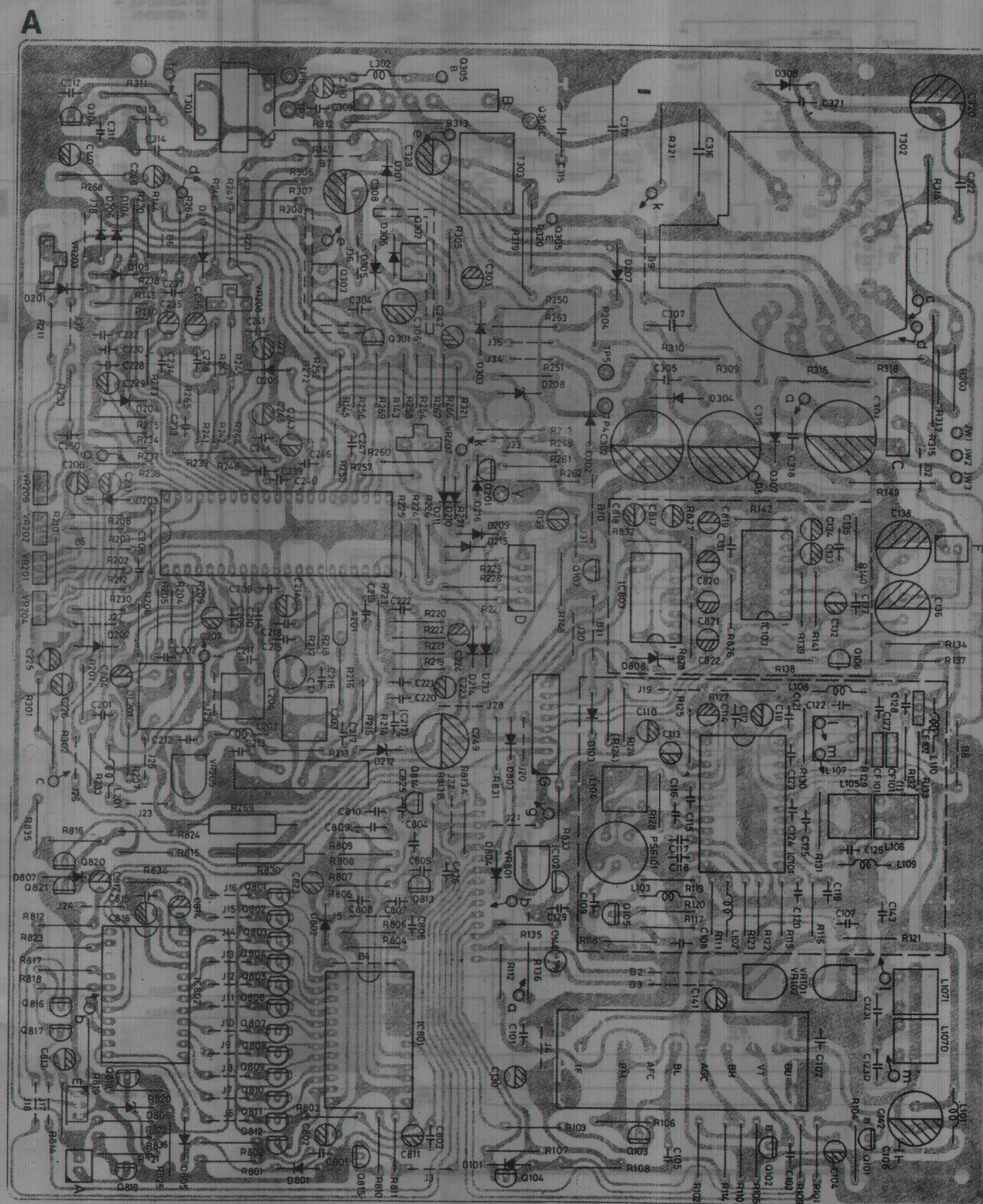
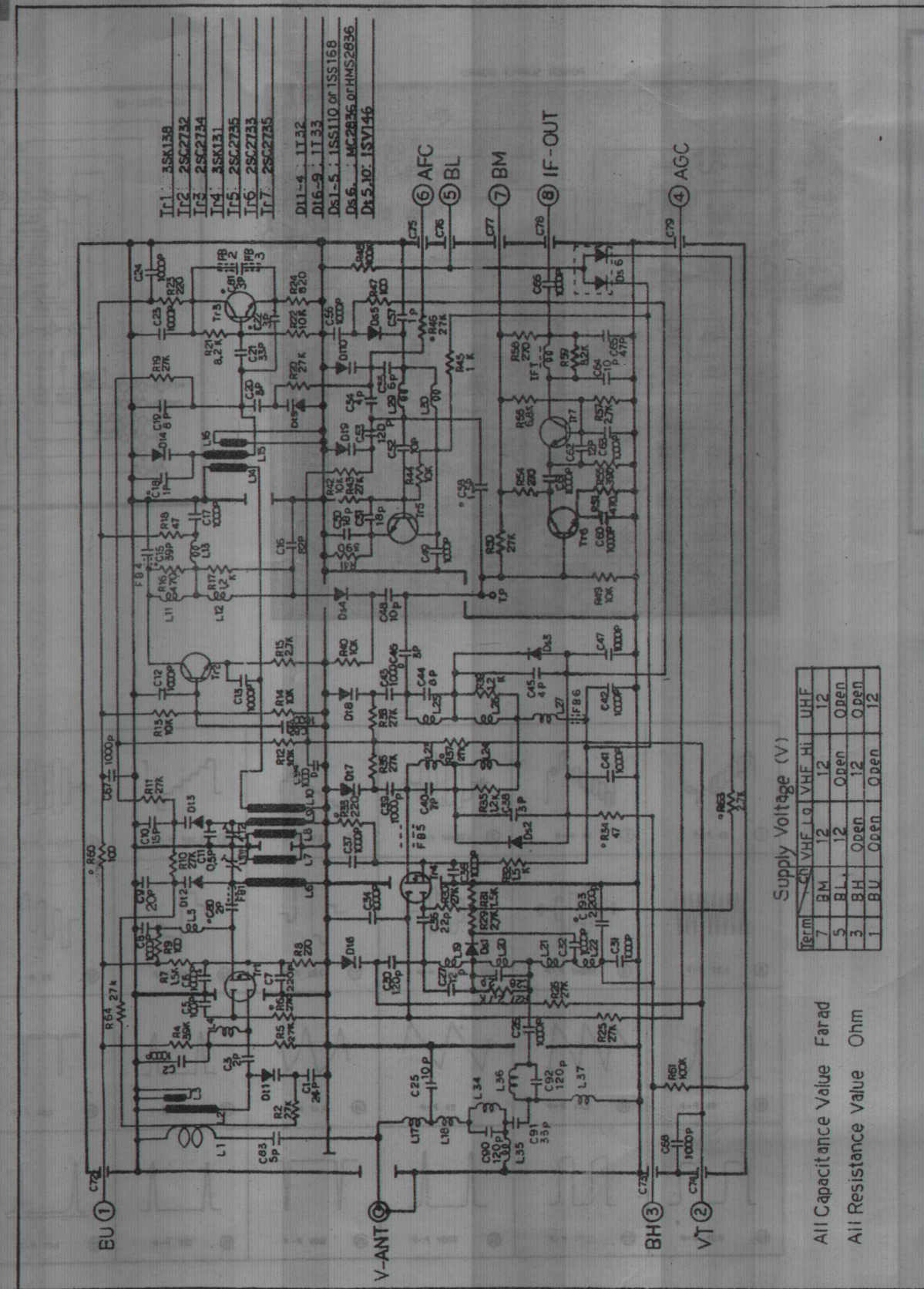




① 2V P-P	② 3V P-P	③ 400mV P-P	④ 2.5V P-P	⑤ 0.38V P-P	⑥ 800mV P-P	⑦ 0.5V P-P
⑧ 1.3V P-P	⑨ 100mV P-P	⑩ 100mV P-P	⑪ 2.8V P-P	⑫ 1.5V P-P	⑬ 3V P-P	⑭ 5V P-P
⑮ 7V P-P	⑯ 2.4V P-P	⑰ 2V P-P	⑱ 3.4V P-P	⑲ 1.6V P-P	⑳ 0.8V P-P	㉑ 32V P-P
㉒ 0.3V P-P	㉓ 1.0V P-P	㉔ 600V P-P	㉕ 1.0V P-P	㉖ 22V P-P	㉗ 1.4V P-P	㉘ 400V P-P

THE COMPONENTS WITH ARROW MARK
ONLY FOR THICK NECK CRT

电路图



主电路板顶视图
A MAIN BOARD (TOP VIEW)

电源电路板顶视图
B TOP VIEW OF POWER SUPPLY BOARD

频道选择器电路板顶视图
C TOP VIEW OF CHANNEL SELECTOR BOARD

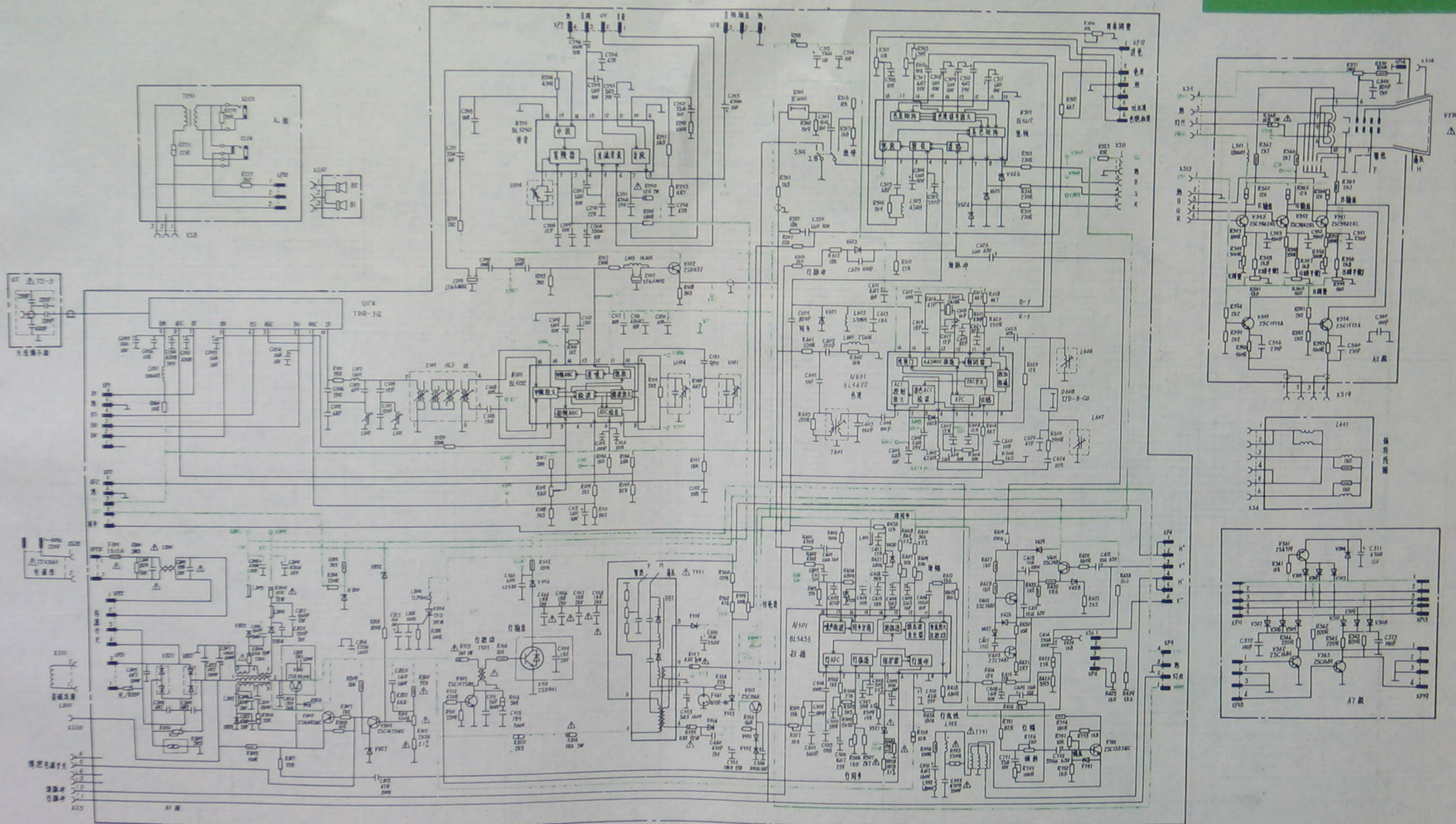
显像管电路板顶视图
D TOP VIEW OF CRT BOARD

音频视频电路板顶视图
E AV BOARD (TOP VIEW)

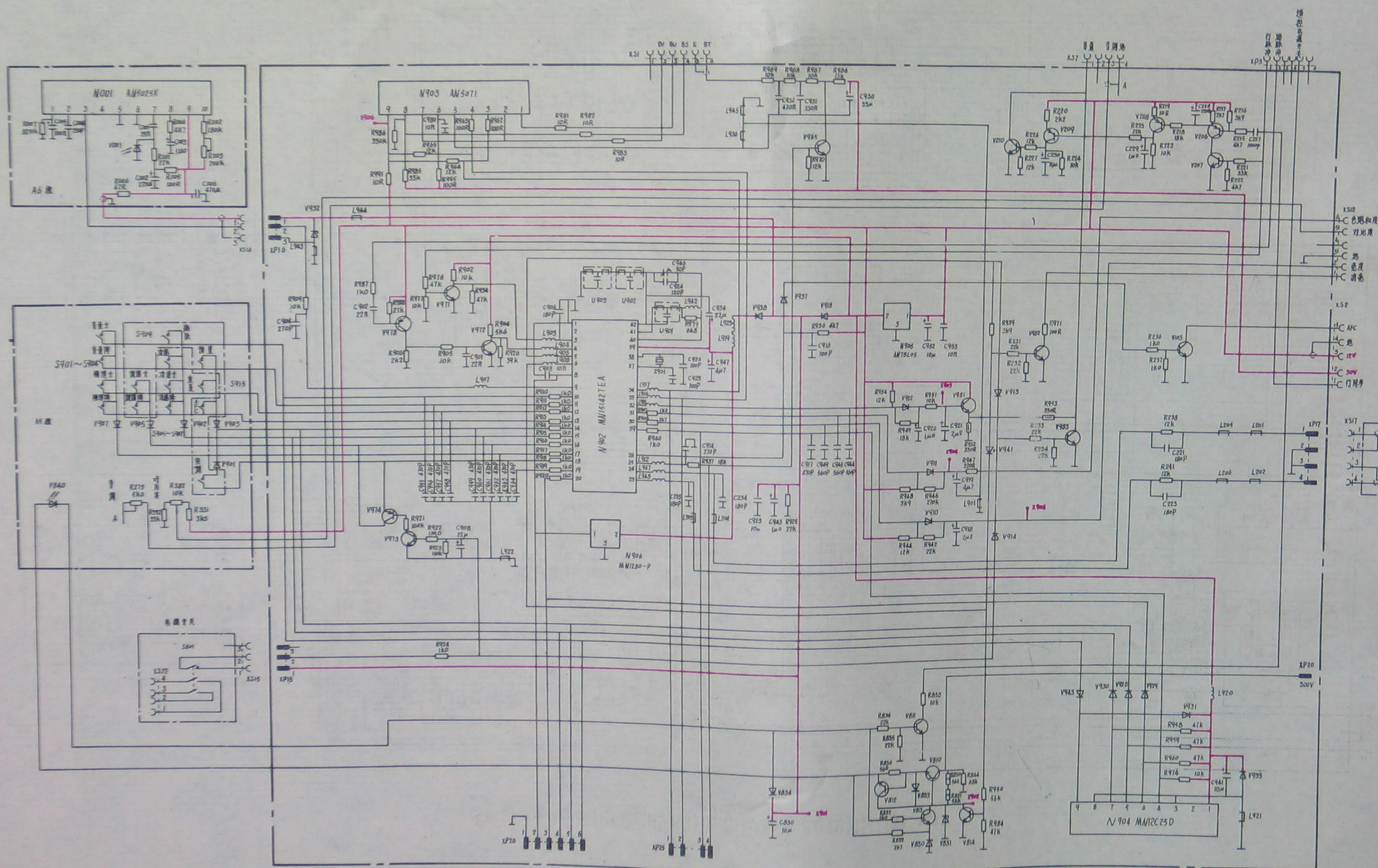
红外接收器电路板顶视图
F TOP VIEW OF INFRARED DETECTOR BOARD

耳机插座顶视图
G HEADPHONE JACK (TOP VIEW)

遥控器电路板顶视图
H TRANSMITTER BOARD (TOP VIEW)



47CD3/SR5105 彩色电视接收机电路图 (主机线路)



47CD3/SR5105 彩色电视接收机电路图 (遥控线路)