

■ **HEADPHONE HS-4**

High-performance dynamic headphones with specially designed ear pads for comfortable listening.  
Impedance: 8Ω

■ \* **DELUXE HEADPHONE HS-5**

Open-back type headphone designed for excellent tone quality and comfortable fit. The vented ear pads can be readily replaced with sealed cushions.

■ **YK-88C AND YK-88CN CW CRYSTAL FILTERS**

The selectivity of the YK-88C is 500 Hz at -6 dB, and 1.5 kHz at -60dB. That of the YK-88CN is 270 Hz at -6 dB, and 1.1 kHz at -60 dB. Easily installed in the TS-130S(V).

■ **SSB NARROW FILTER YK-88SN**

Narrow band SSB filter. Combined with the IF shift feature, it provides outstanding interference rejection.

■ **HAM-CLOCK HC-10**

The HC-10 is a highly advanced world clock with dual display which can memorized 10 world major cities and 2 additional regions.

**PS-20**



**PS-30**



**DFC-230**



**VFO-120**



**AT-130**



**SP-120**



**MC-50**



**MC-30S, MC-35S**



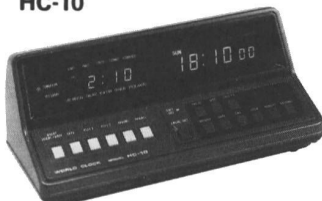
**HS-5**



**HS-4**

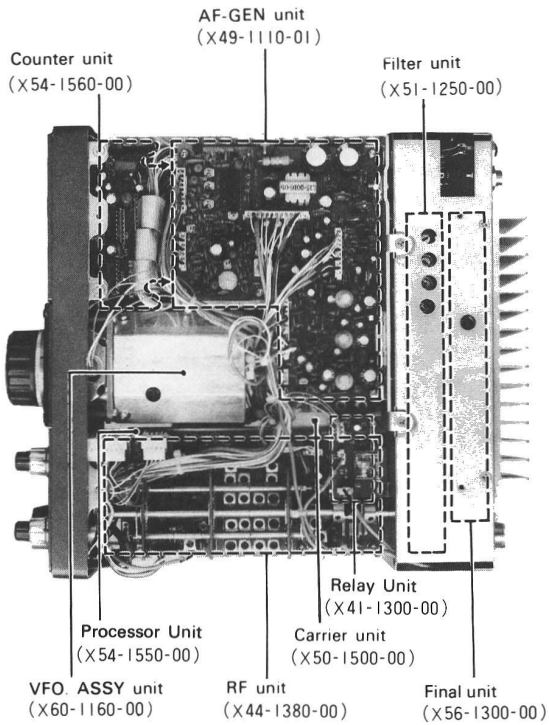


**HC-10**

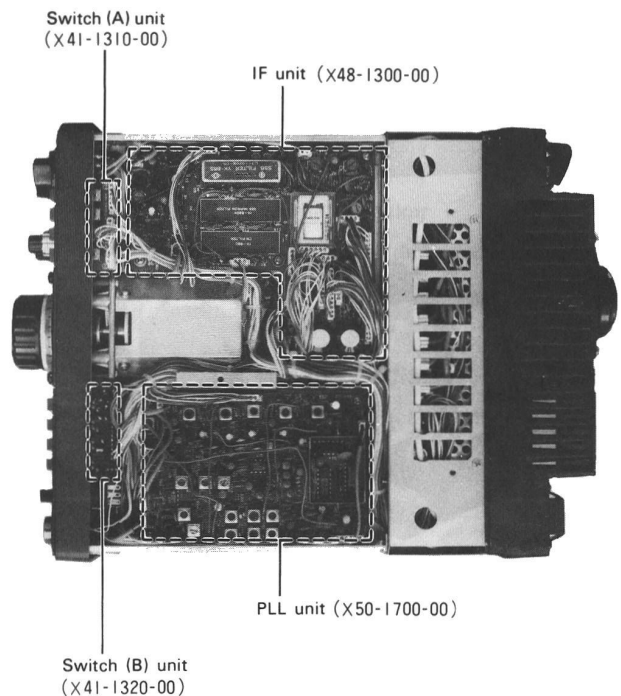
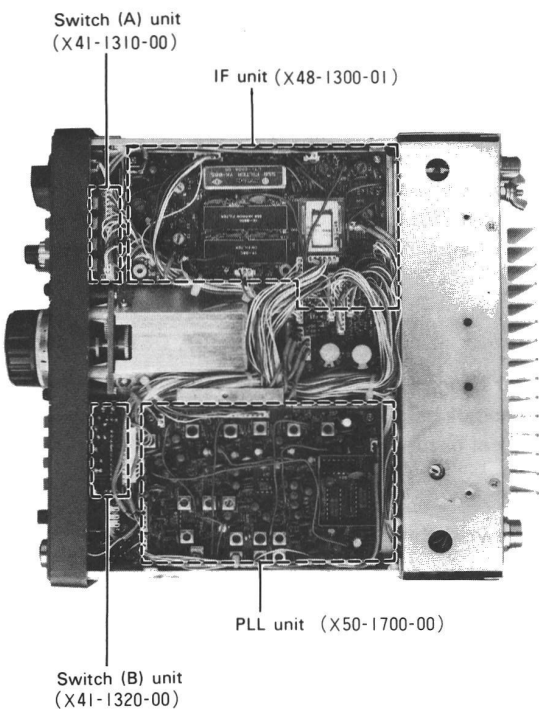
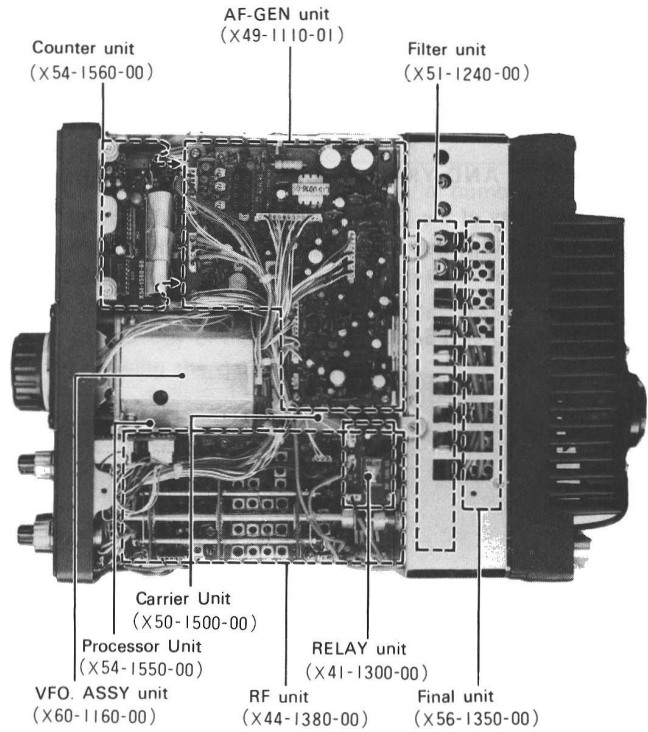


# INTERNAL VIEWS

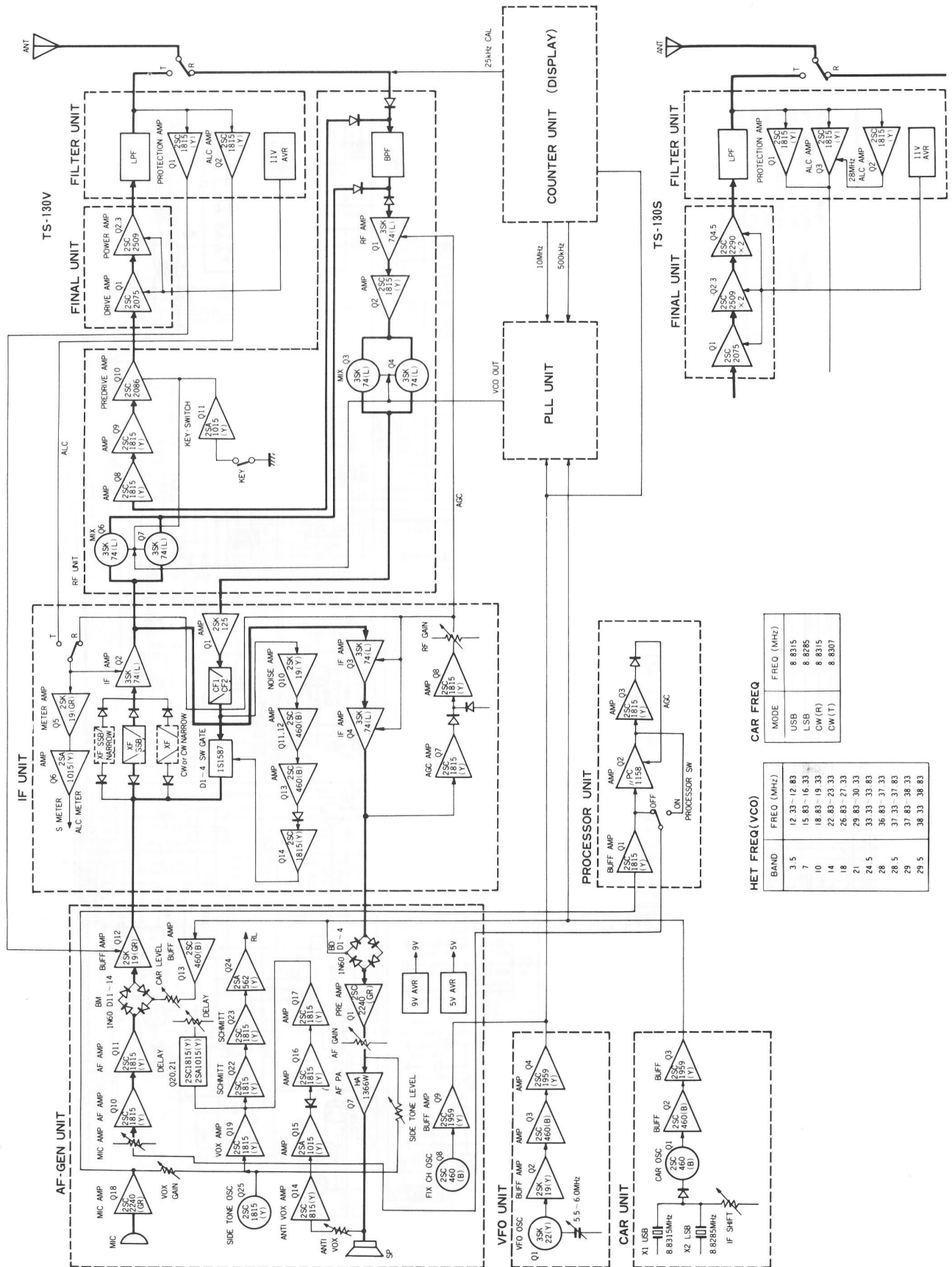
## TS-130V



## TS-130S

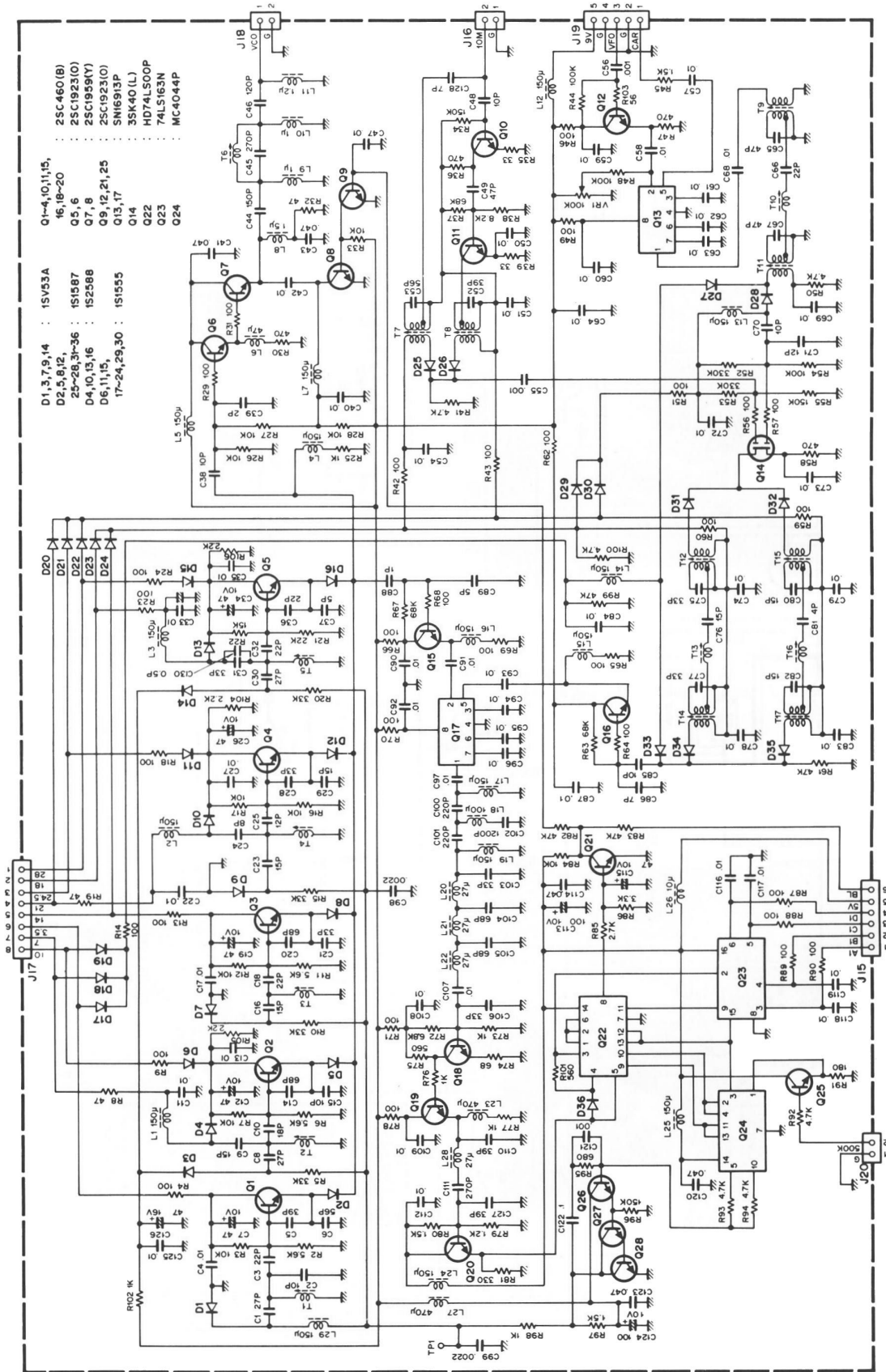


# BLOCK DIAGRAM

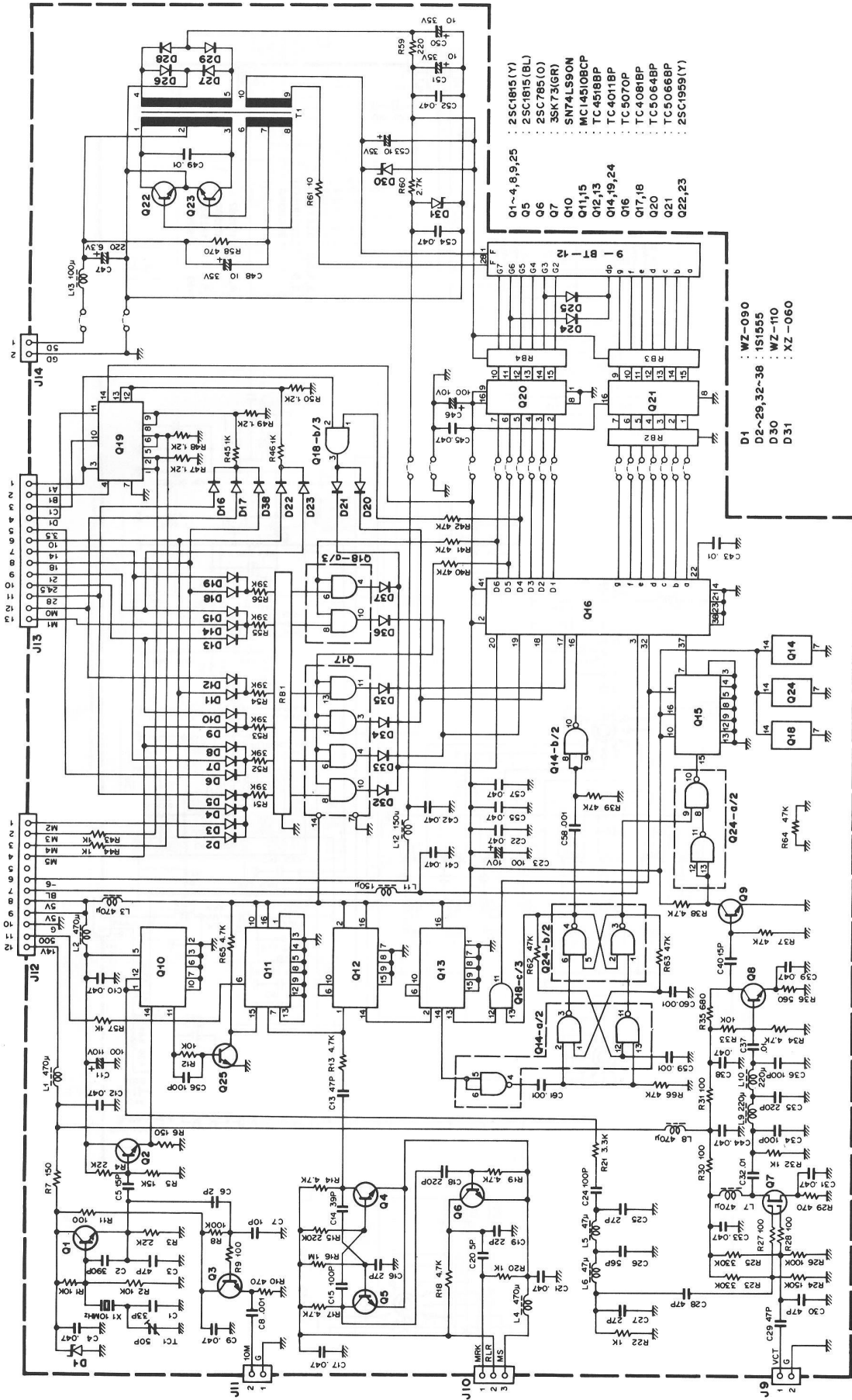


# SCHEMATIC DIAGRAM

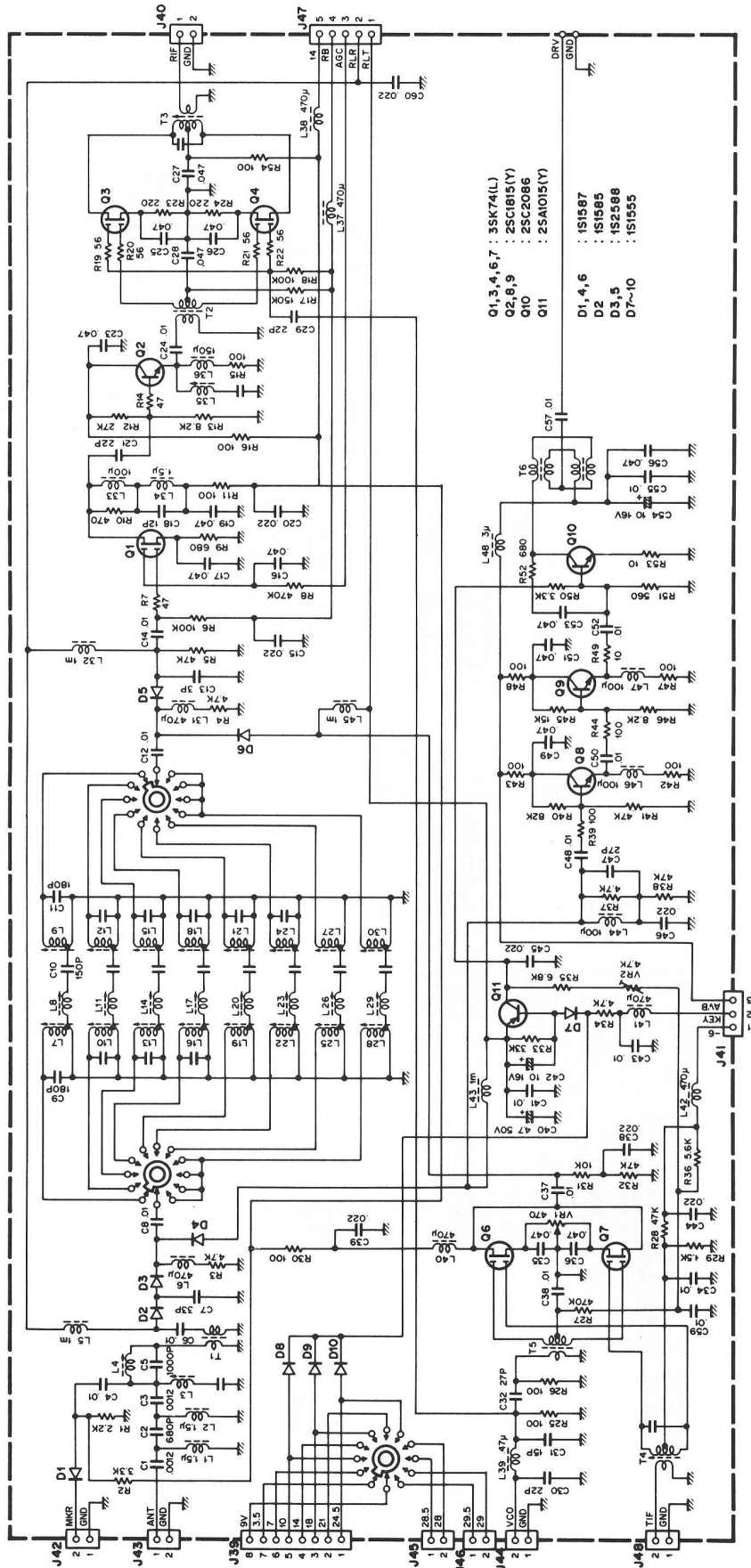
TS-130V ,TS-130S PLL UNIT (X50-1500-00)



TS-130V ,TS-130S COUNTER UNIT (X54-1560-00)

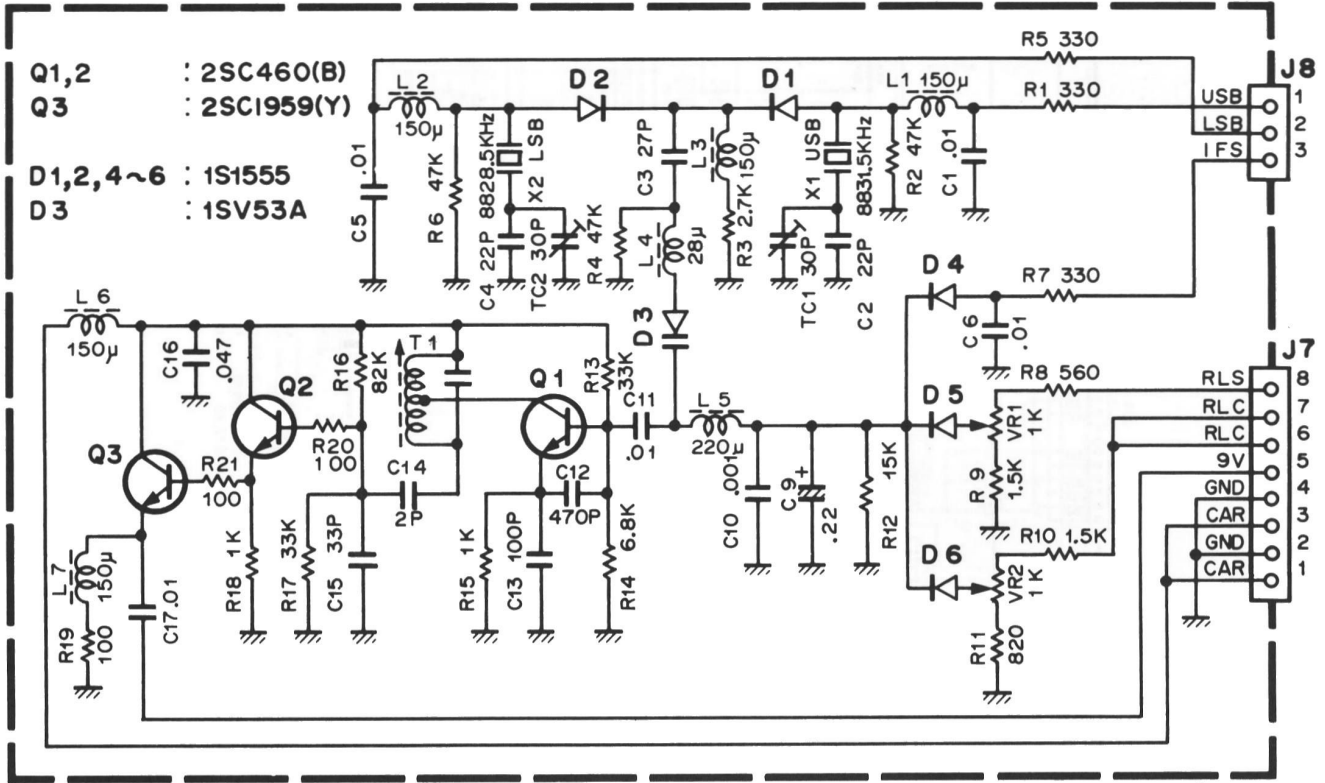


TS130V ,TS-130S RF UNIT (X44- 1380-00)

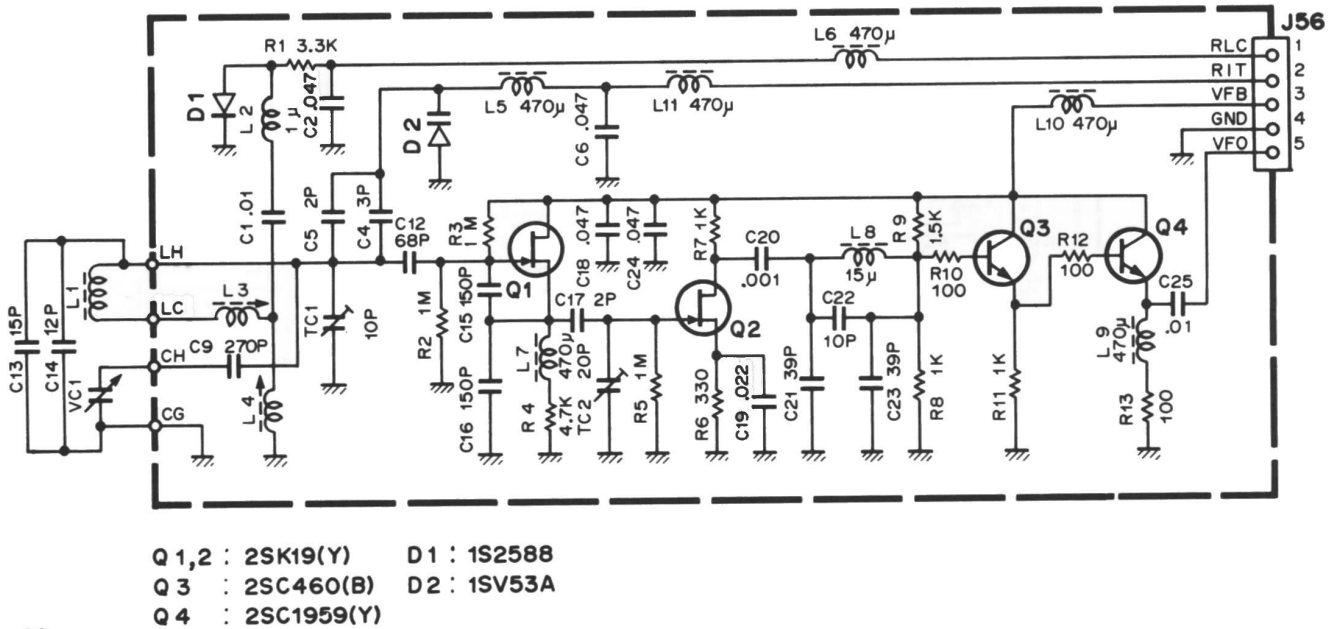




TS-130V ,TS-130S PLL UNIT (X-50-1700-00)

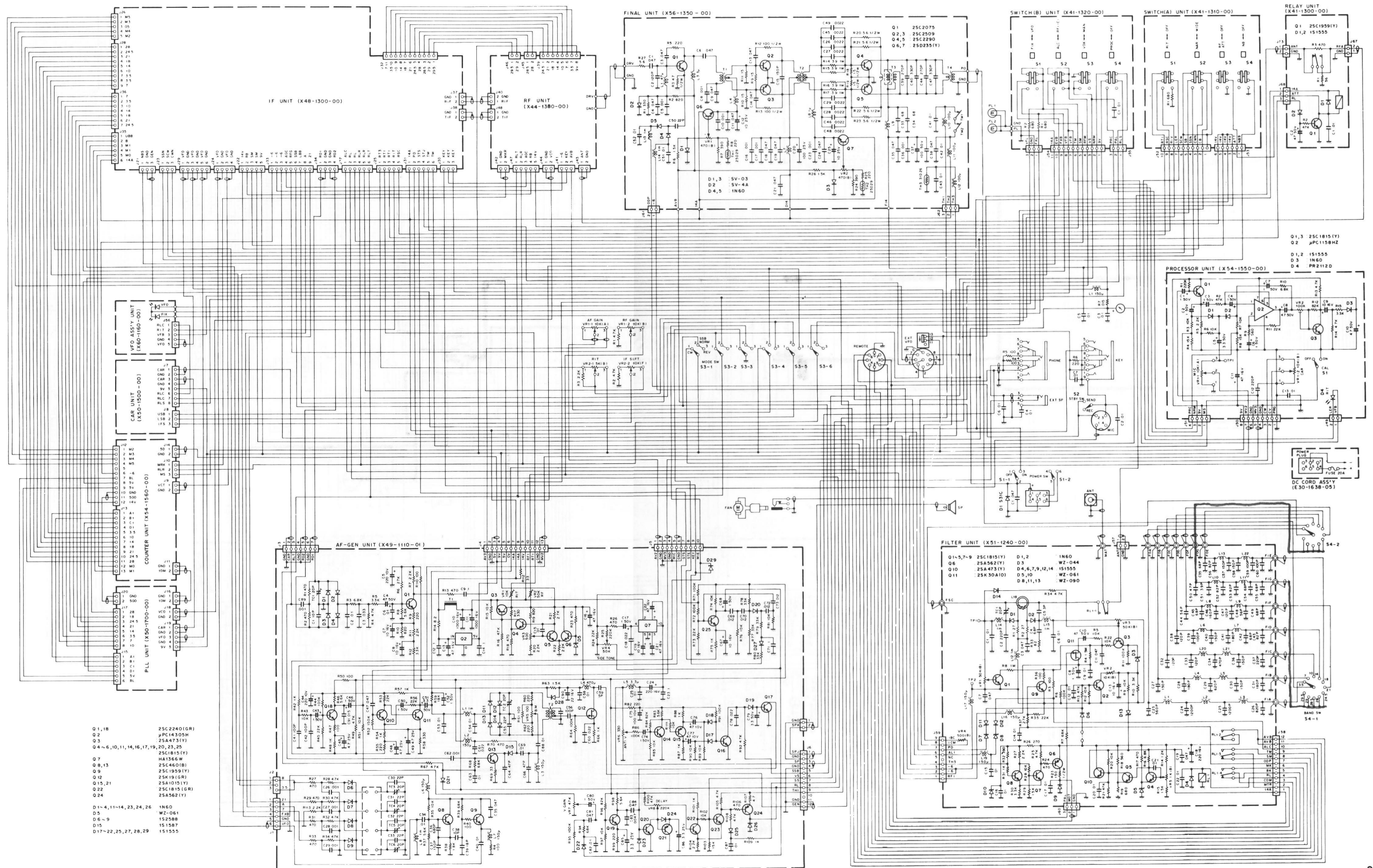


TS-130V ,TS-130S VFO UNIT (X40-1170-00)

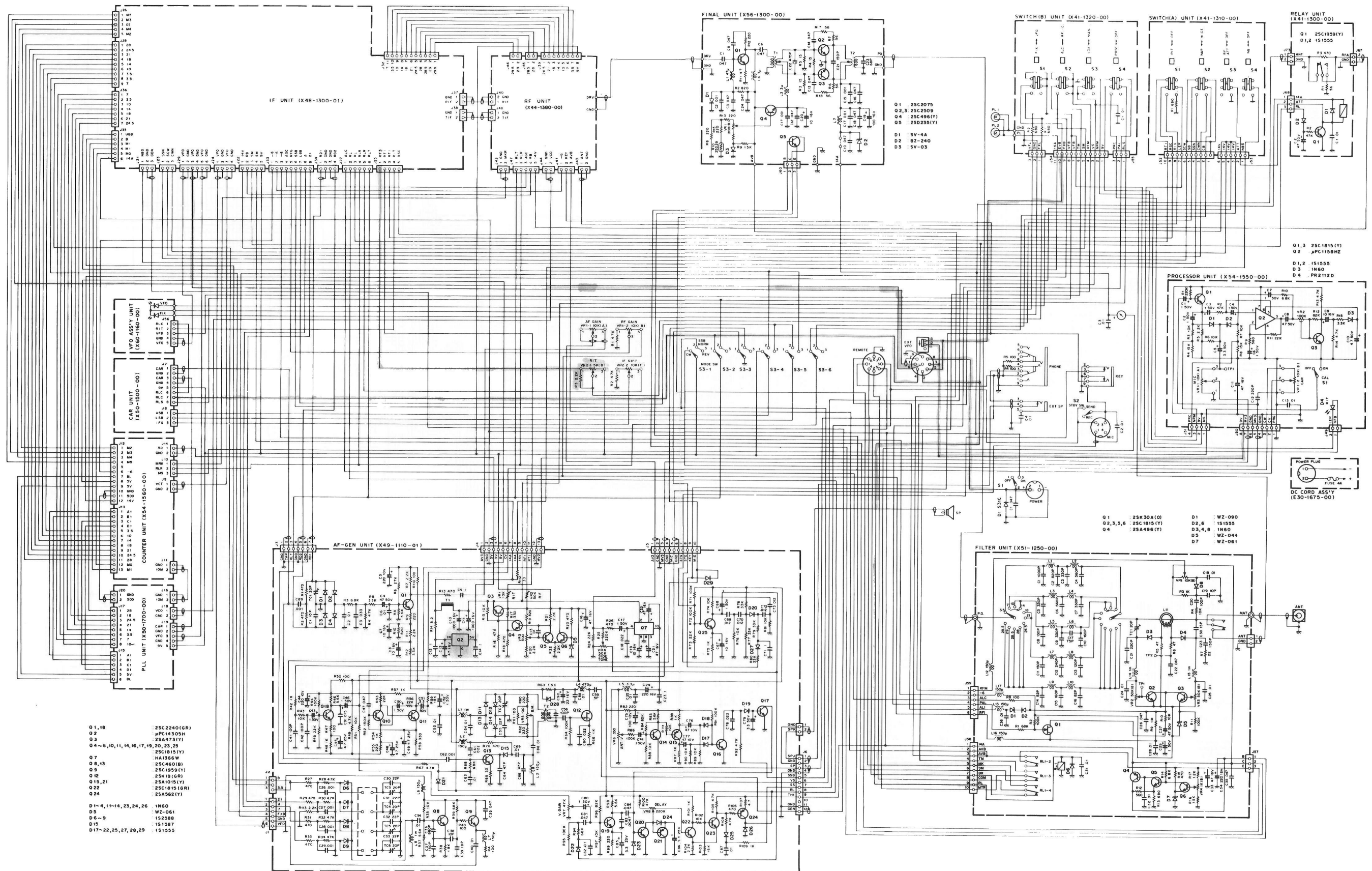




# TS-130S SCHEMATIC DIAGRAM



# TS-130V SCHEMATIC DIAGRAM



**Model TS-130S/V**

**Serial No.** \_\_\_\_\_

**Date of Purchase** \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

**Dealer** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

---

A product of  
**TRIO-KENWOOD CORPORATION**  
6-17, 3-chome, Aobadai, Meguro-ku, Tokyo 153, Japan

---

**TRIO-KENWOOD COMMUNICATIONS, INC.**  
1111, West Walnut Street, Compton, California, 90220, U.S.A.  
**TRIO-KENWOOD COMMUNICATIONS, GmbH**  
D-6374 Steinbach TS, Industriestrasse 8A, West Germany  
**TRIO-KENWOOD (AUSTRALIA) PTY. LTD.**  
30 Whiting Street, Artarmon, Sydney N.S.W. Australia 2064