

The diagram illustrates the electrical connections for a car stereo system, organized into three main sections: MAIN UNIT, CONTROL UNIT, and DISPLAY UNIT.

MAIN UNIT (50-607-02) * (50-609-02):

- Inputs:** Includes an antenna (ANT) connected to a 13.8V source, a speaker (SP) input, and a volume control (VOL) input. It also features a 13.8V power input and a 13.8V ground connection.
- Outputs:** Includes a speaker output (SP OUT) and a volume control output (VOL OUT).
- Internal Components:** The unit contains a 13.8V power supply, a 13.8V ground, and a 13.8V output.

CONTROL UNIT (50-907-01) * (50-907-01):

- Inputs:** Includes a 13.8V power input, a 13.8V ground connection, and a 13.8V output.
- Outputs:** Includes a 13.8V power output, a 13.8V ground connection, and a 13.8V output.
- Internal Components:** The unit contains a 13.8V power supply, a 13.8V ground, and a 13.8V output.

DISPLAY UNIT (50-907-01) * (50-907-01):

- Inputs:** Includes a 13.8V power input, a 13.8V ground connection, and a 13.8V output.
- Outputs:** Includes a 13.8V power output, a 13.8V ground connection, and a 13.8V output.
- Internal Components:** The unit contains a 13.8V power supply, a 13.8V ground, and a 13.8V output.

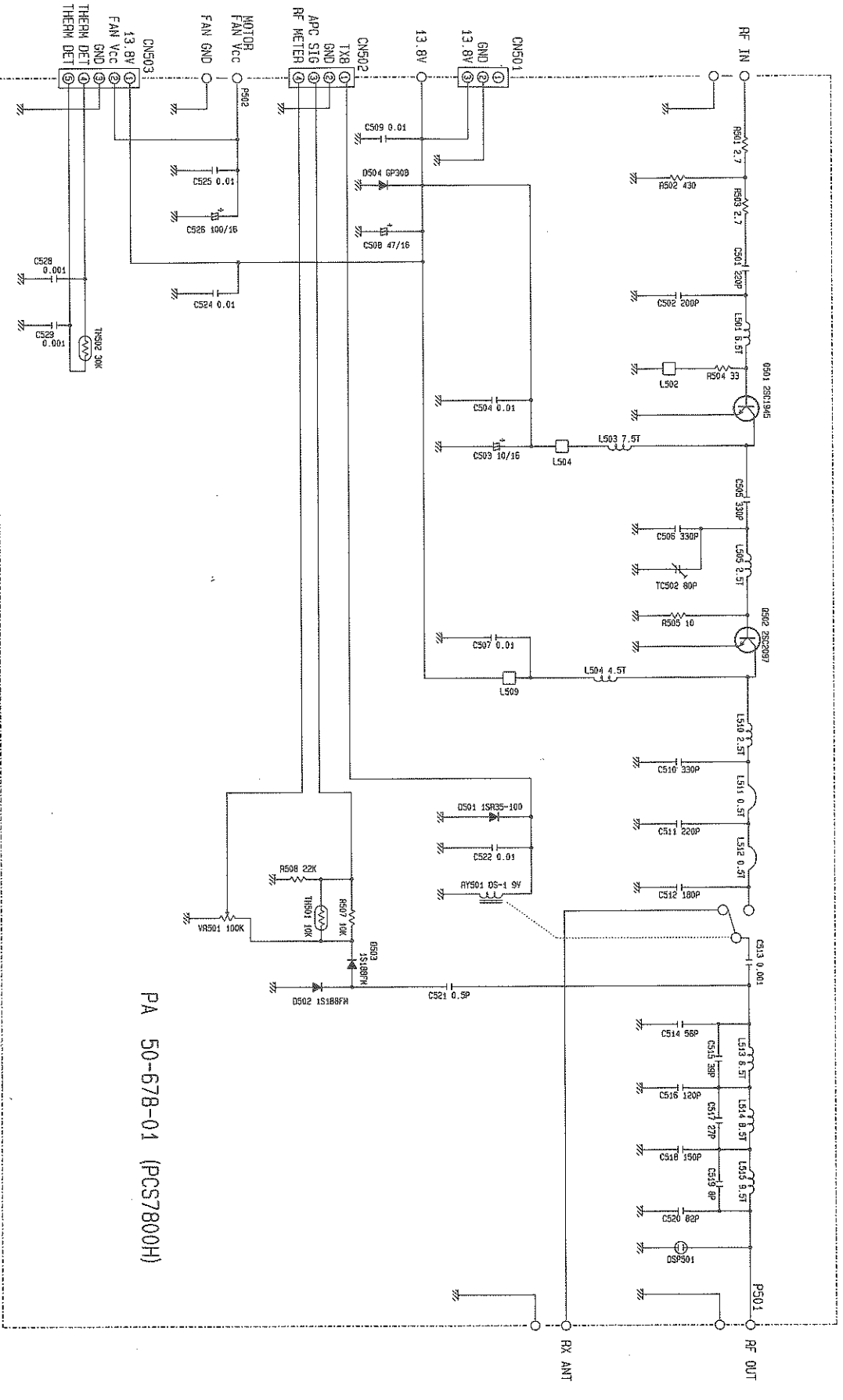
Other Components:

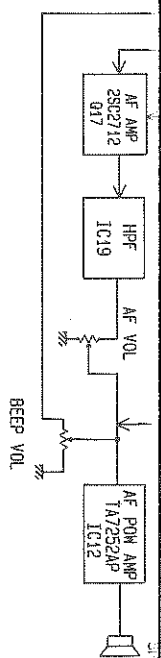
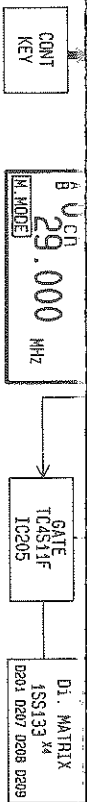
- Antenna (ANT):** A 13.8V antenna connected to the MAIN UNIT.
- Speaker (SP):** A speaker connected to the MAIN UNIT.
- Volume Control (VOL):** A volume control connected to the MAIN UNIT.
- Power Supply (VCC):** A 13.8V power supply connected to the MAIN UNIT.
- Ground (GND):** A ground connection for the system.

The diagram uses color-coded wiring to identify different signal paths: 13.8V (red), 13.8V ground (black), 13.8V output (yellow), 13.8V power (blue), 13.8V ground (black), and 13.8V output (yellow).



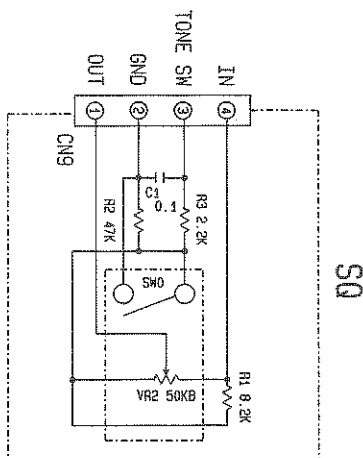
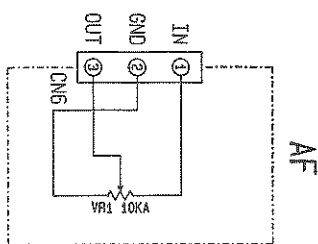
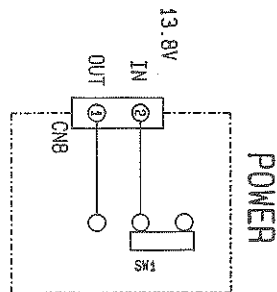
PA 50-678-01 (PCS7800H)





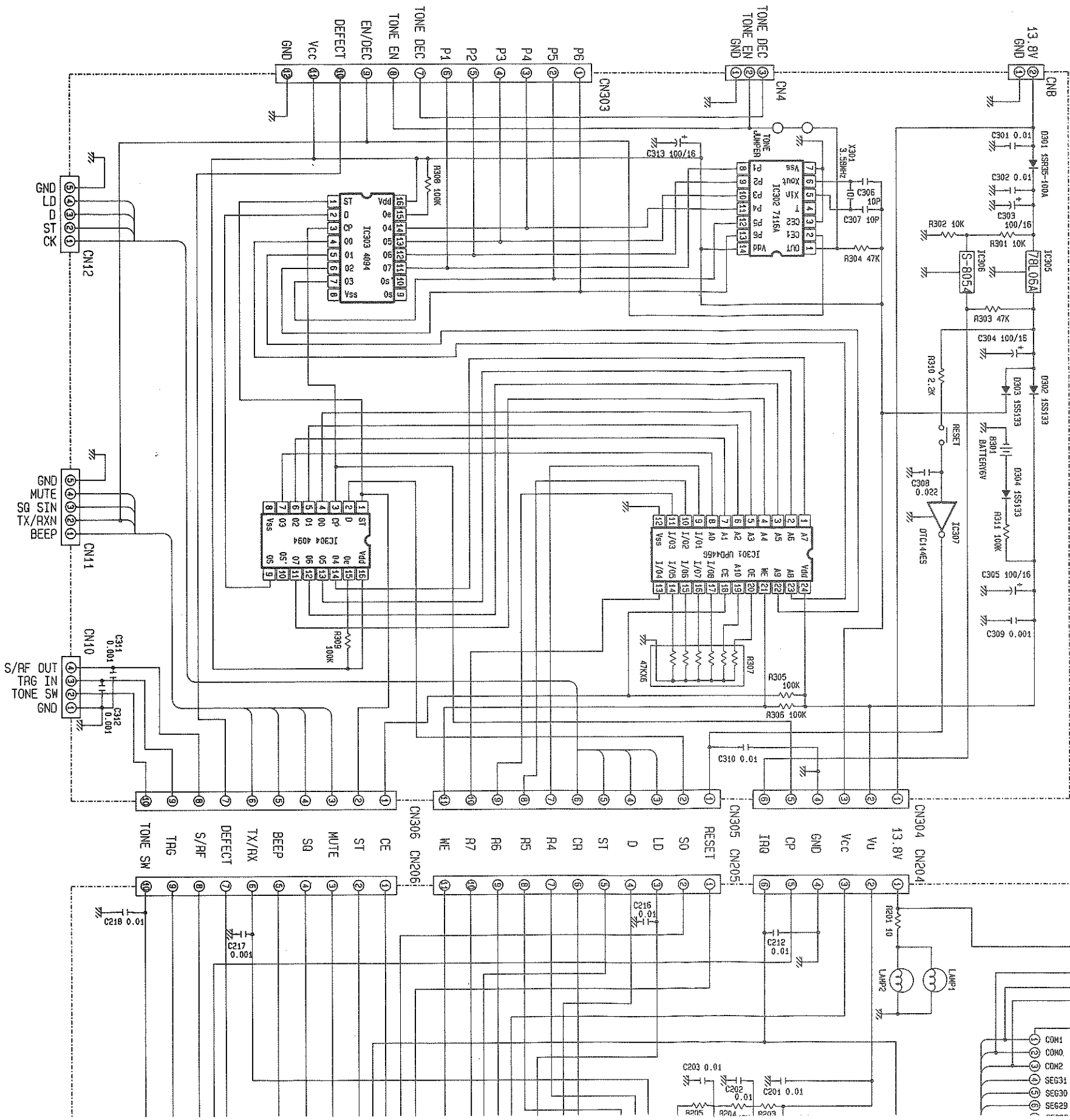
*PCS 7500H

CONT-DISP

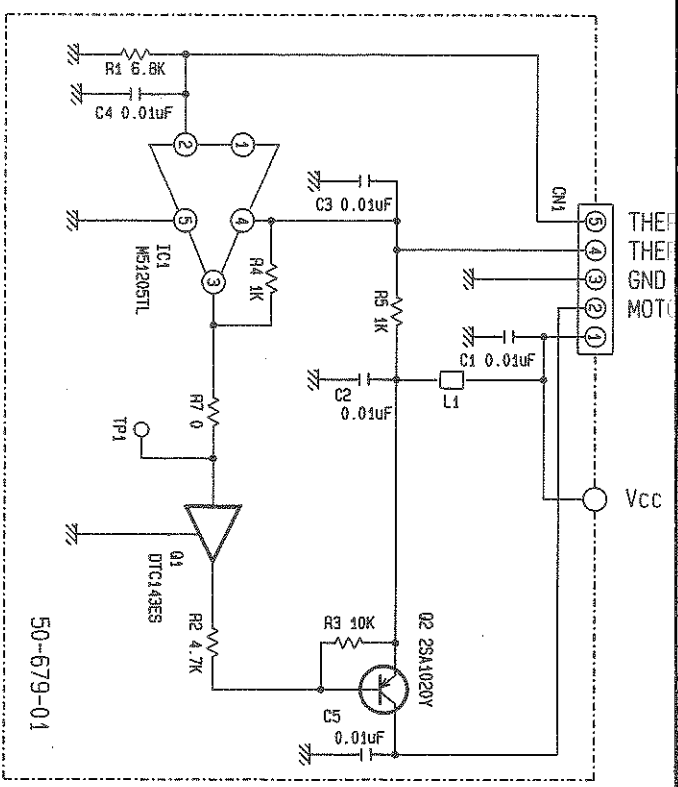


CONTROL

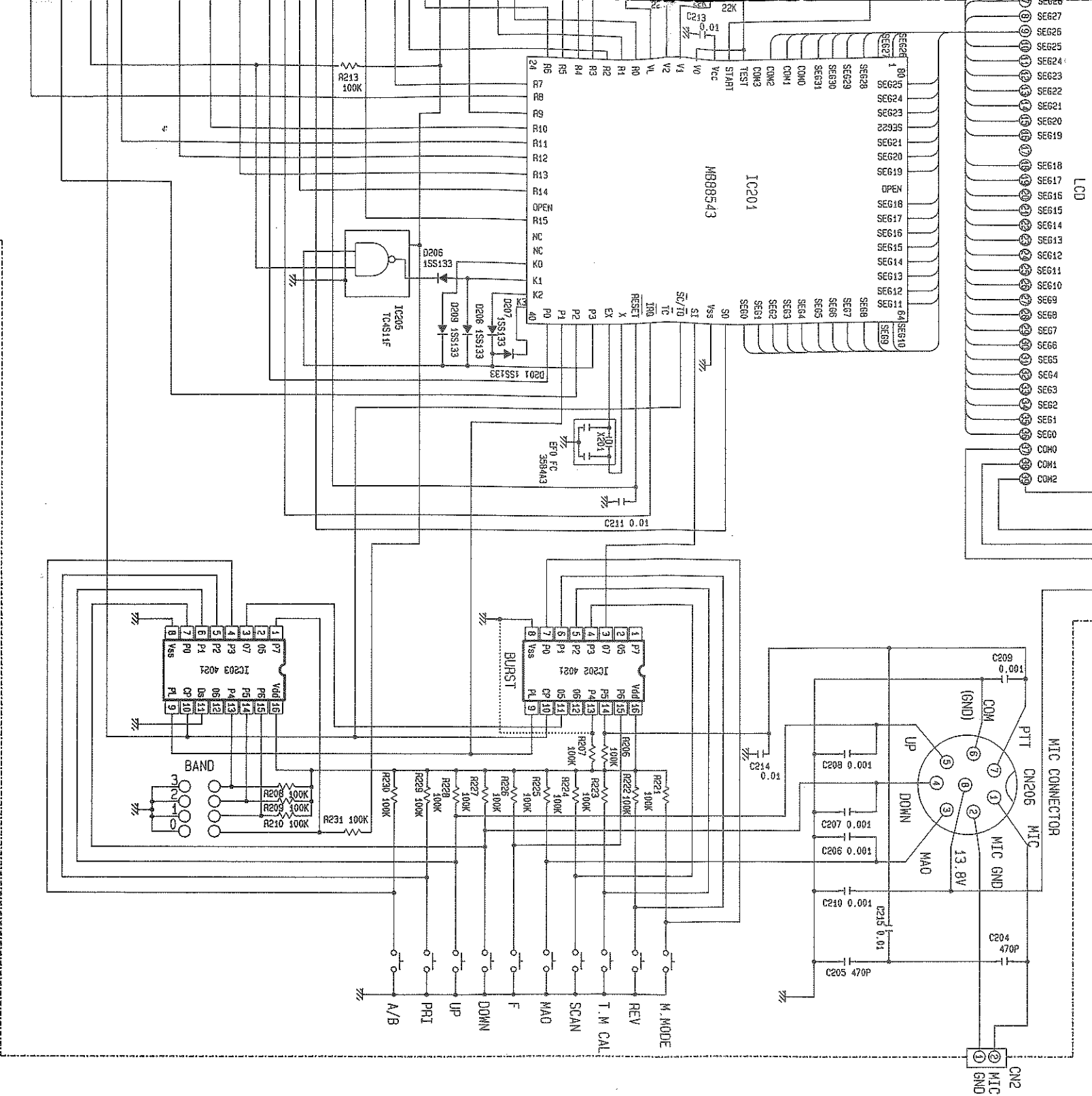
DISPLAY



THERM-SENSOR



50-679-01



UNIT

Ω

μF

Some components subject to change for an improvement without notice.

①

PROCESSING MOBILE TRANSCIVER

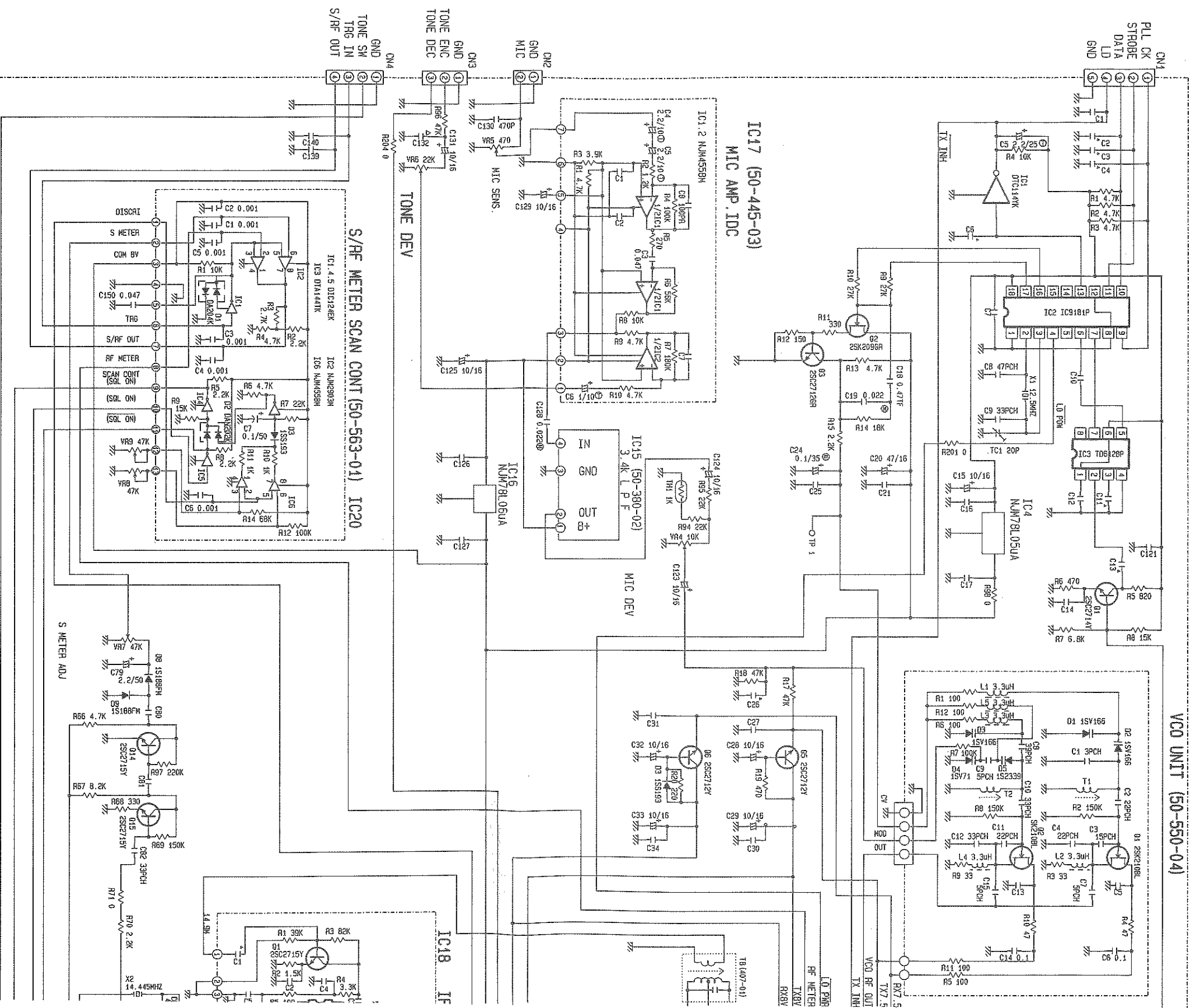
PCS-7500H
PCS-7800H

SCHEMATIC
DIAGRAM

①

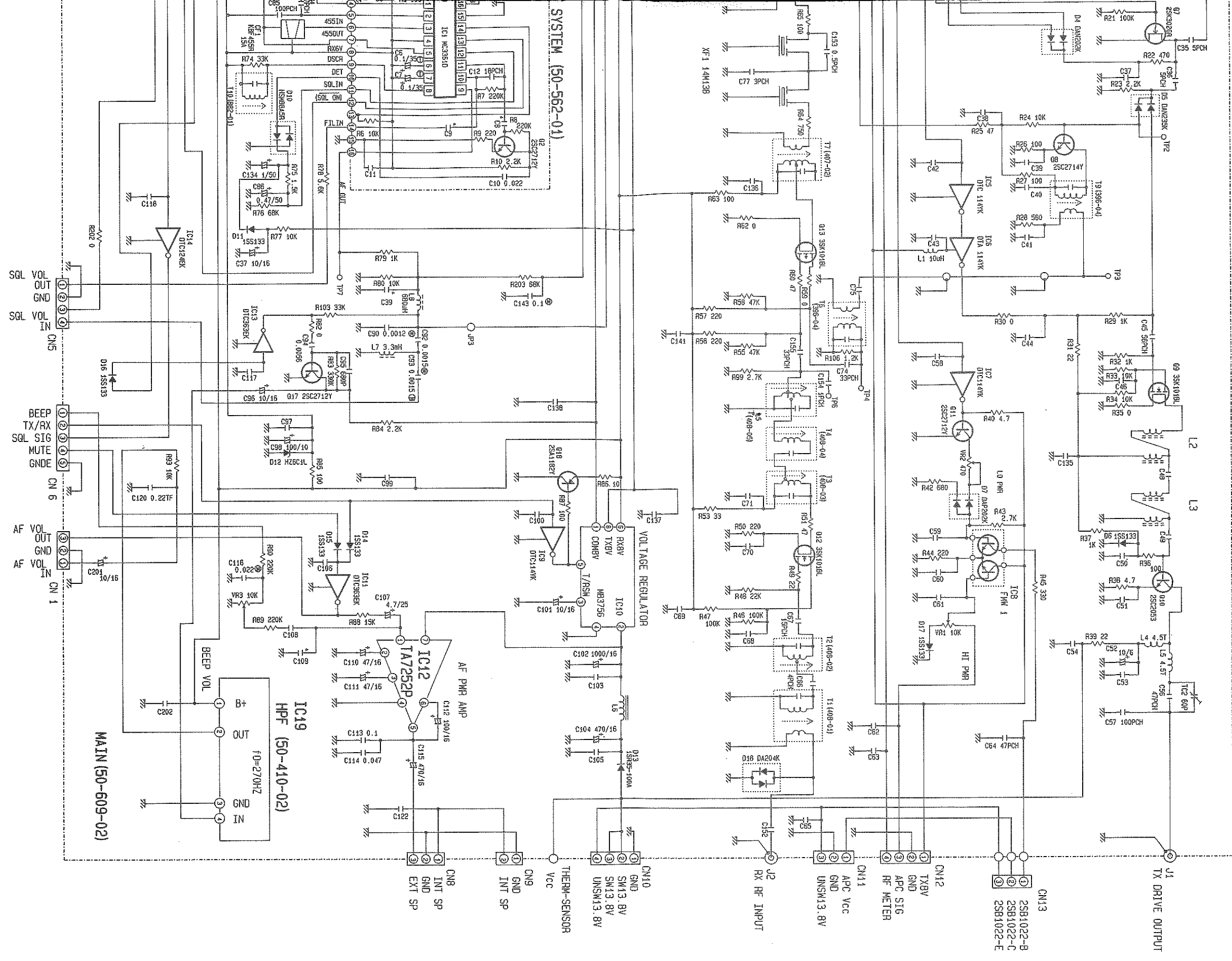
技術部 保管用

MAIN PCS7500H



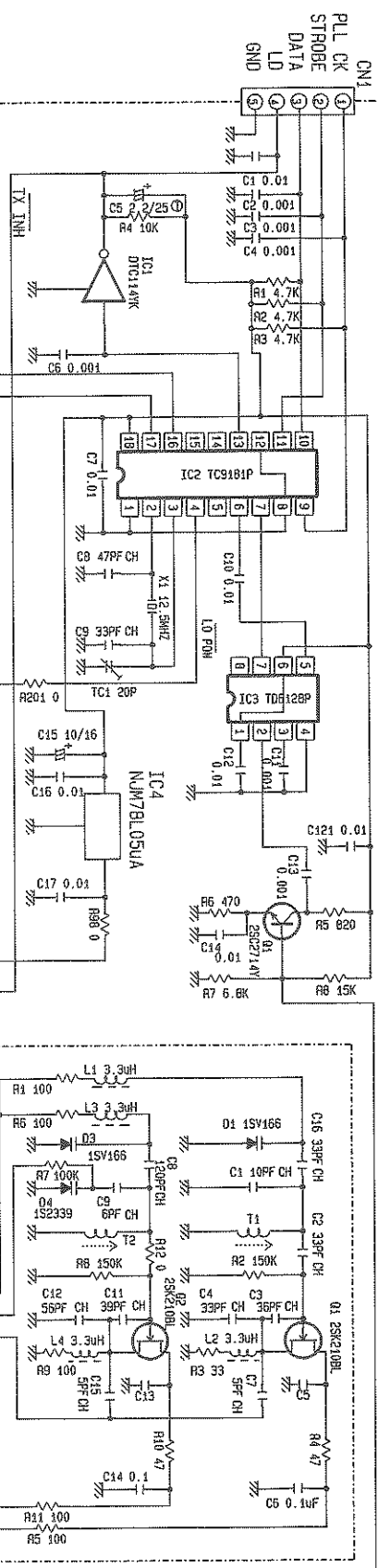
- ALL CAPACITORS NOT SPECIFIED ITS VALUE ARE 0.01uF CHIP.
- ALL CAPACITORS MARKED "Δ" ARE 0.001uF CHIP.

- (M) MAYLAR CAPACITOR
- (T) TANTALUM CAPACITOR

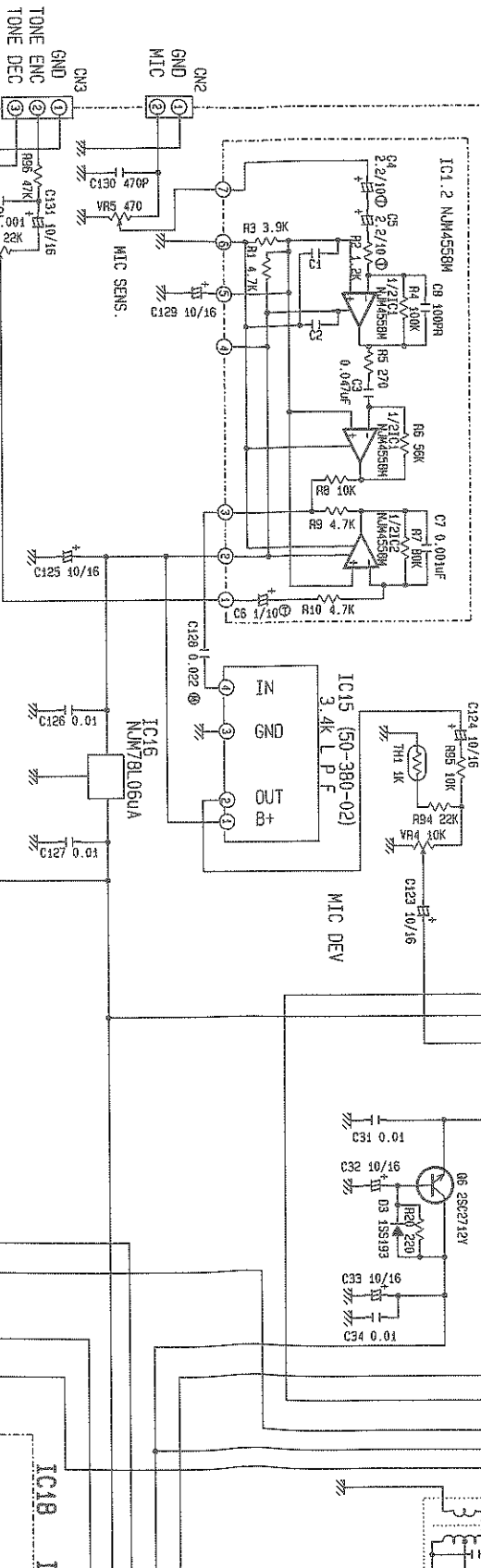


MAIN PCS7800H

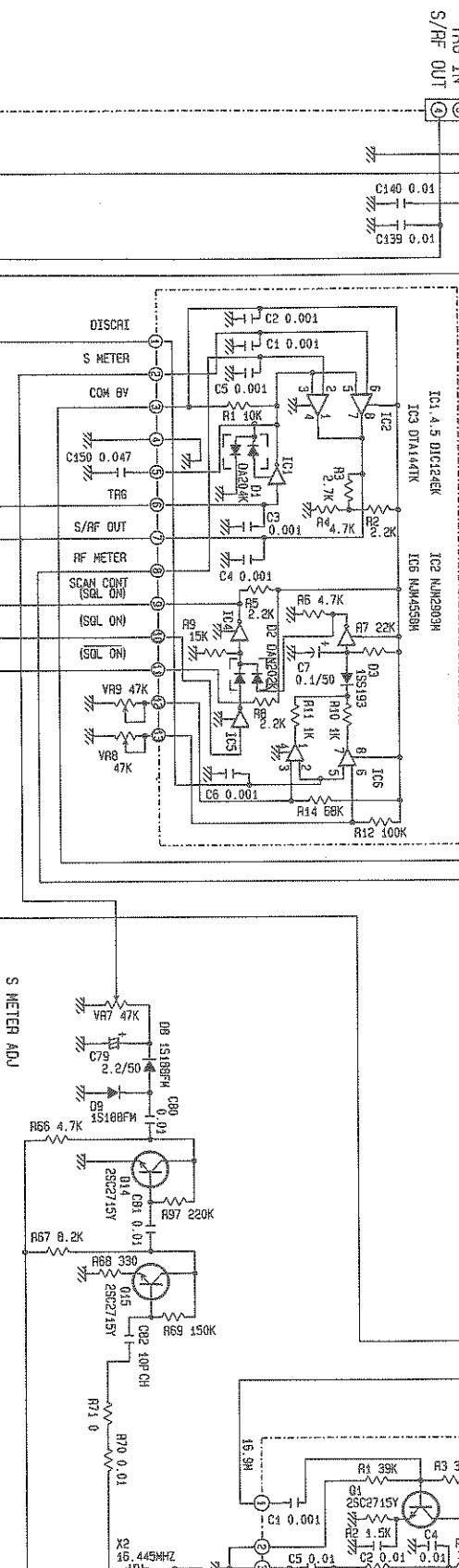
VCO UNIT (50-550-03)



IC17 (50-445-03) MIC AMP. IDC



S/R/F METER SCAN CONT (50-563-01) IC20



- MTLR CAPACITOR
- TANTALUM CAPACITOR

