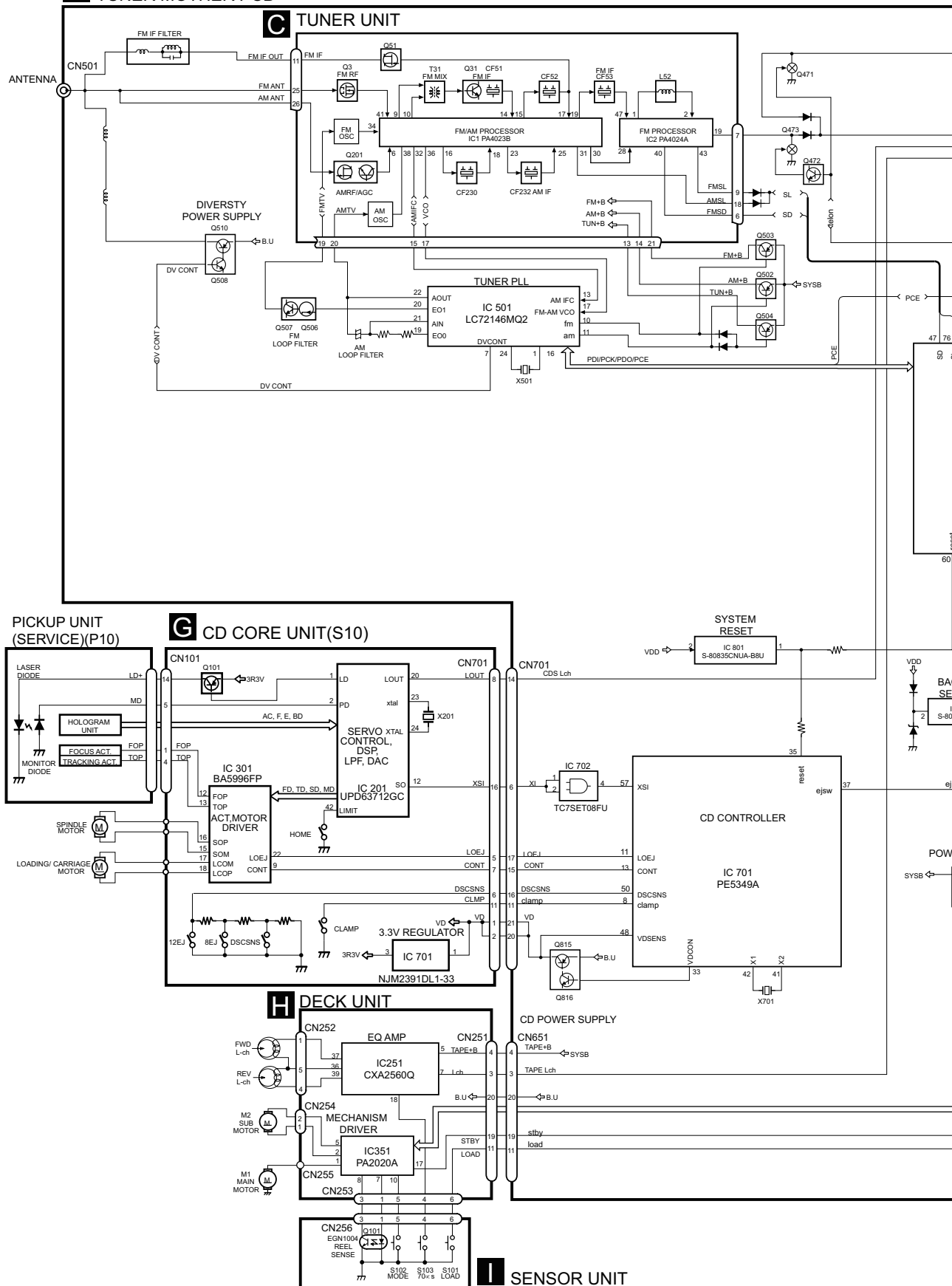
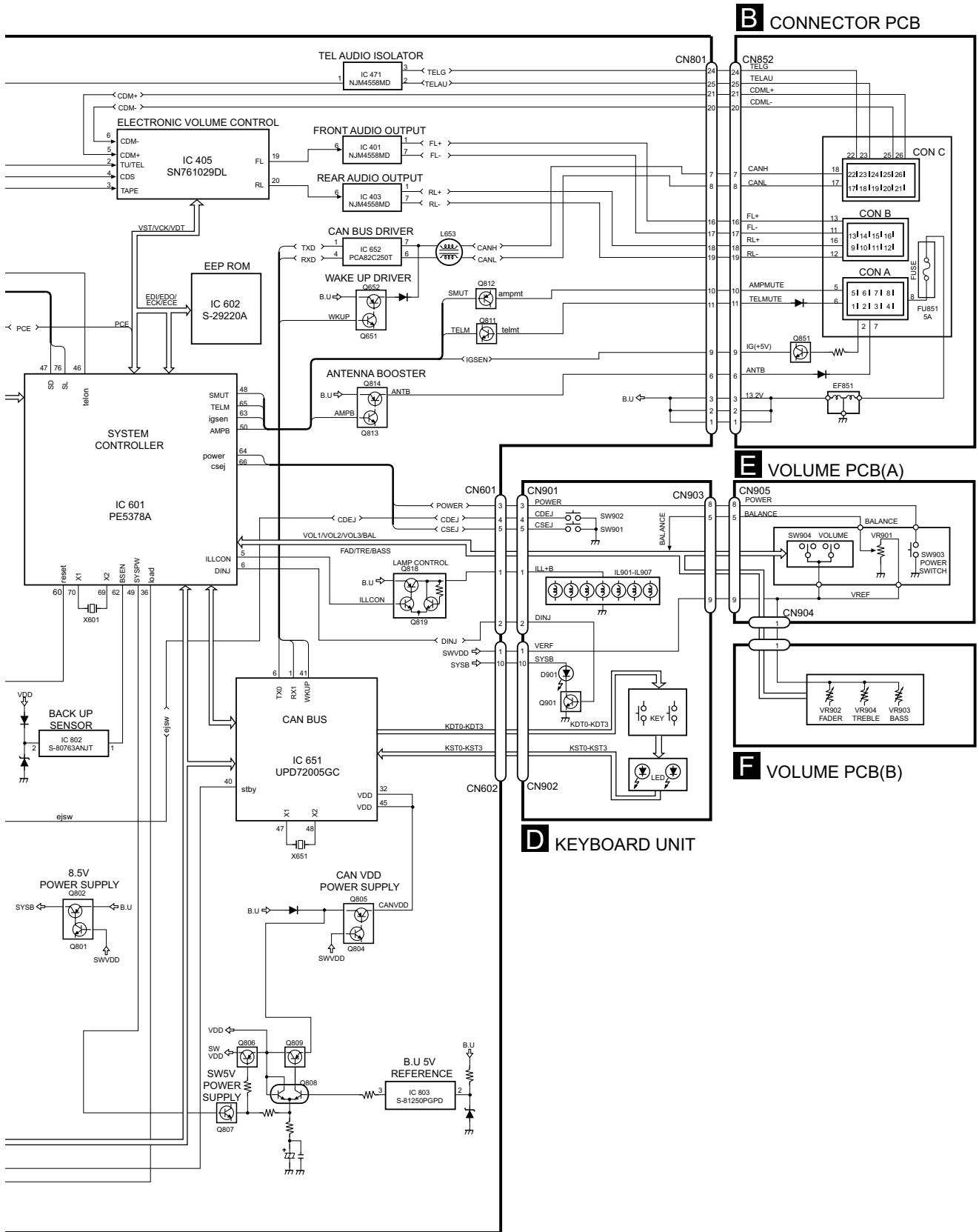


### BLOCK DIAGRAM(FX-M2137ZSA/X1B/UC, FX-M2337ZSA/X1B/ES)

## A TUNER MOTHER PCB

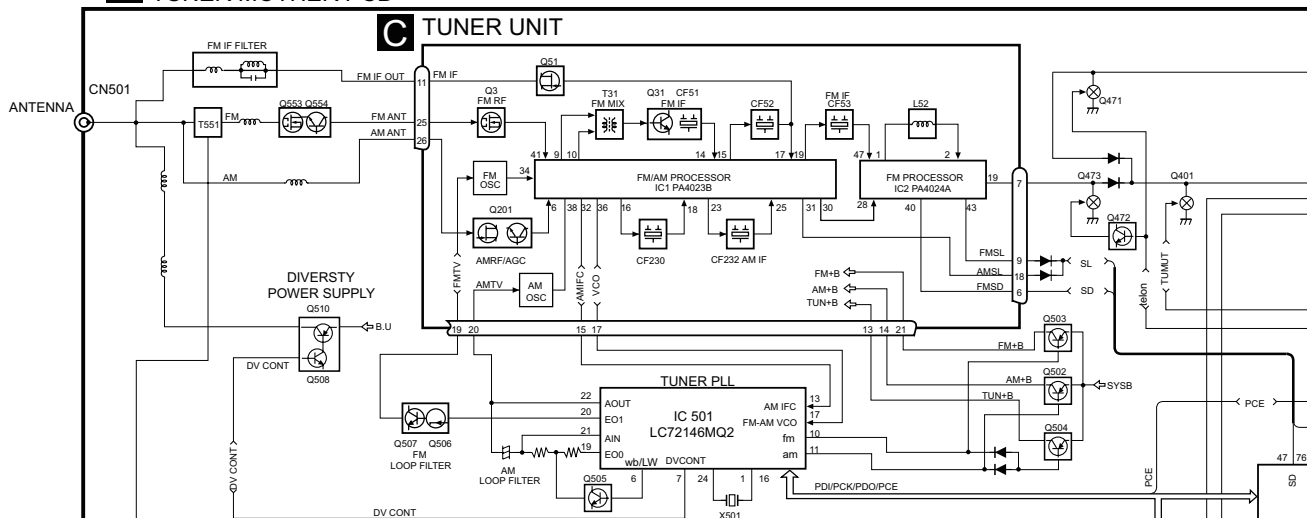


FX-M2137ZSA/X1B/UC



# BLOCK DIAGRAM(FX-M2037ZSA/X1B/EW)

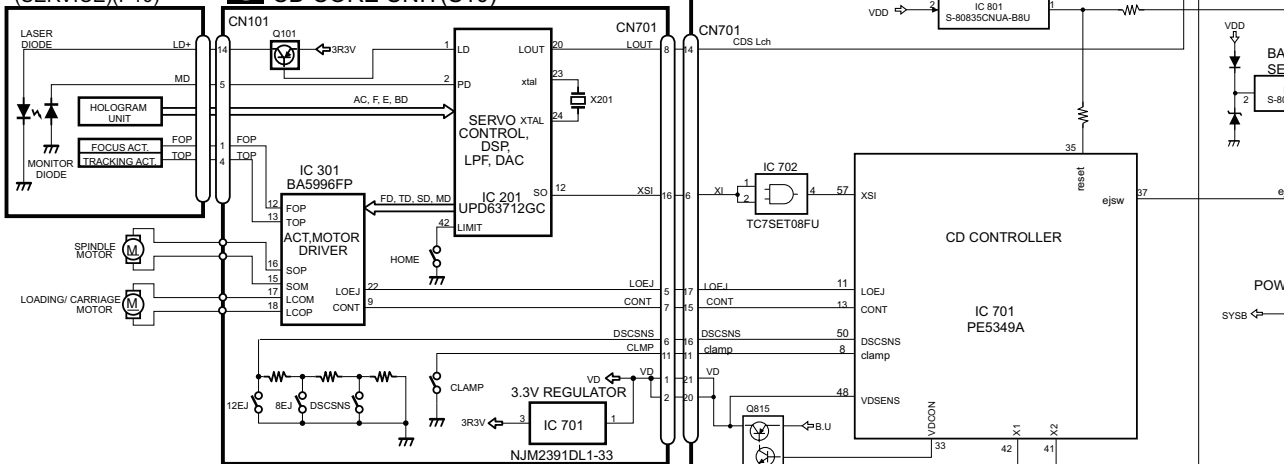
## A TUNER MOTHER PCB



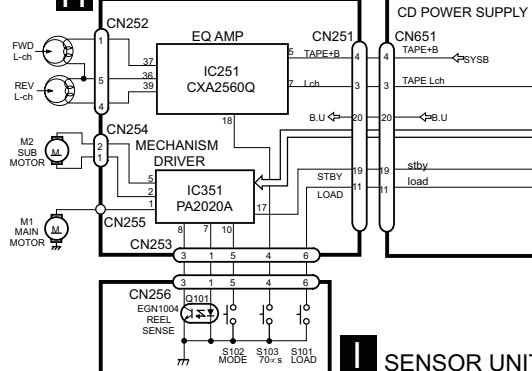
## J RDS SUB TUNER UNIT

## PICKUP UNIT (SERVICE)(P10)

## G CD CORE UNIT(S10)

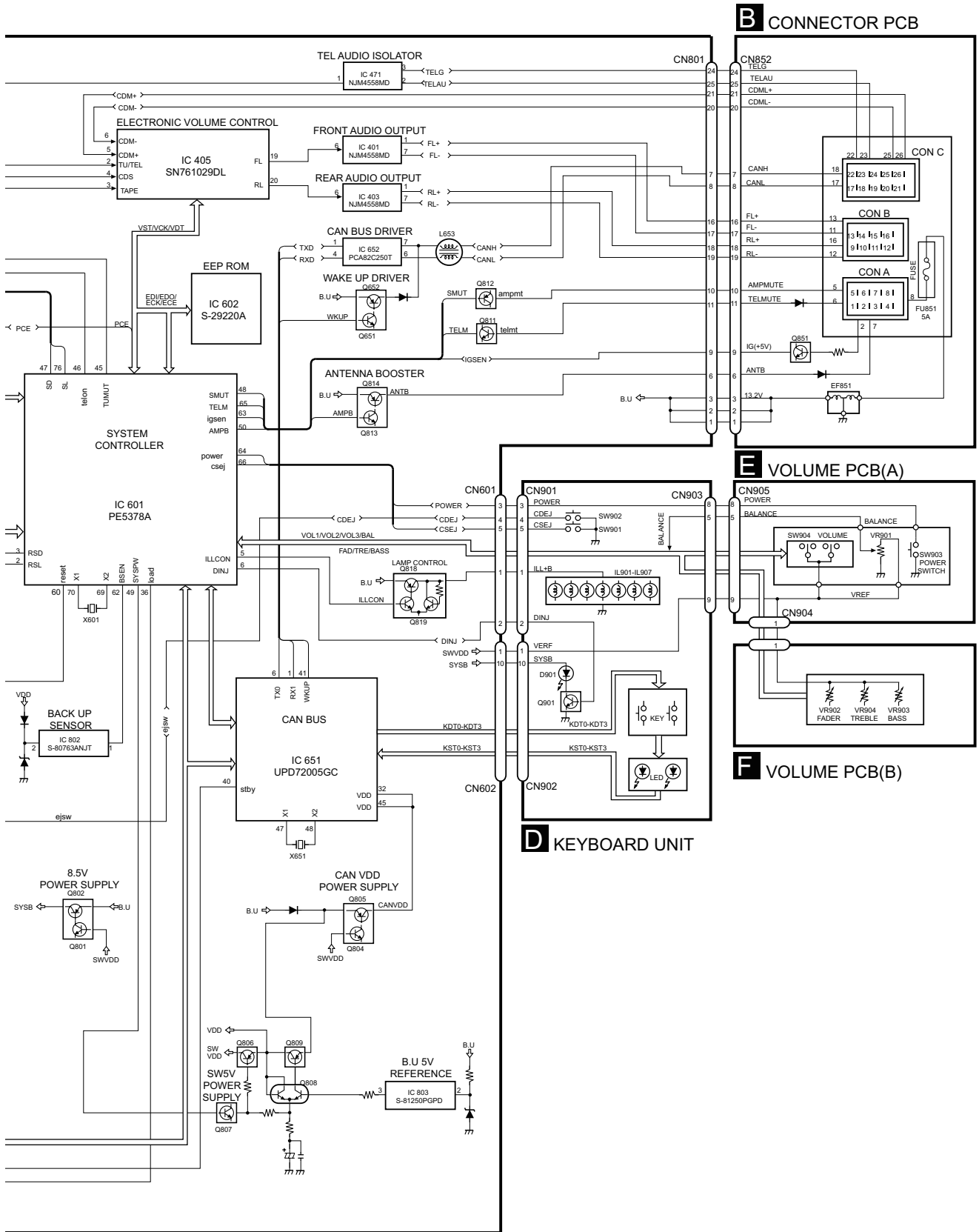


## H DECK UNIT



## I SENSOR UNIT

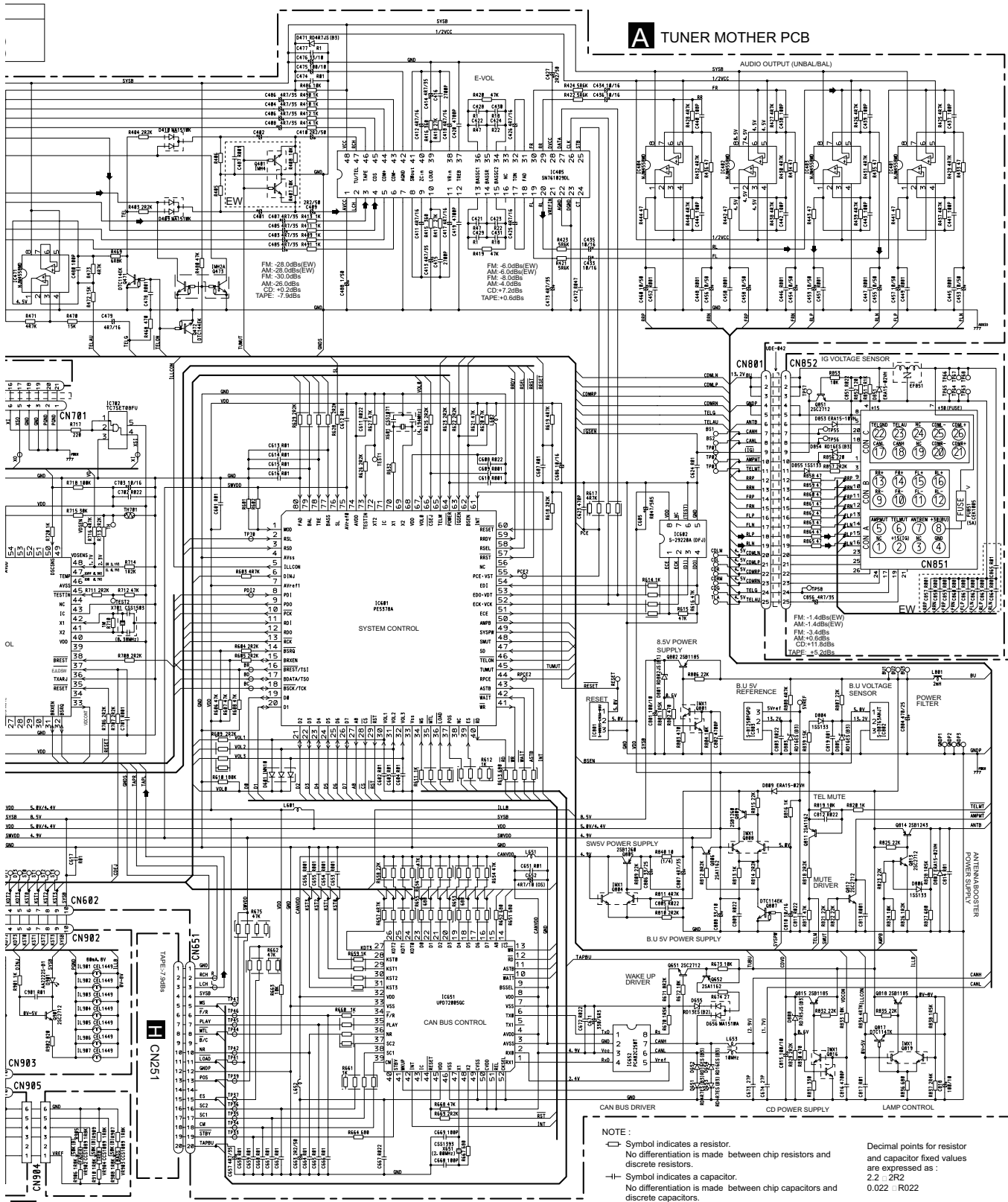
FX-M2137ZSA/X1B/UC



**F** VOLUME PCB(A)

A-b

A



B

C

D

E

F

A B F

FX-M2137ZSA/X1B/UC

A-a

A-a A-b

**C** TUNER UNIT

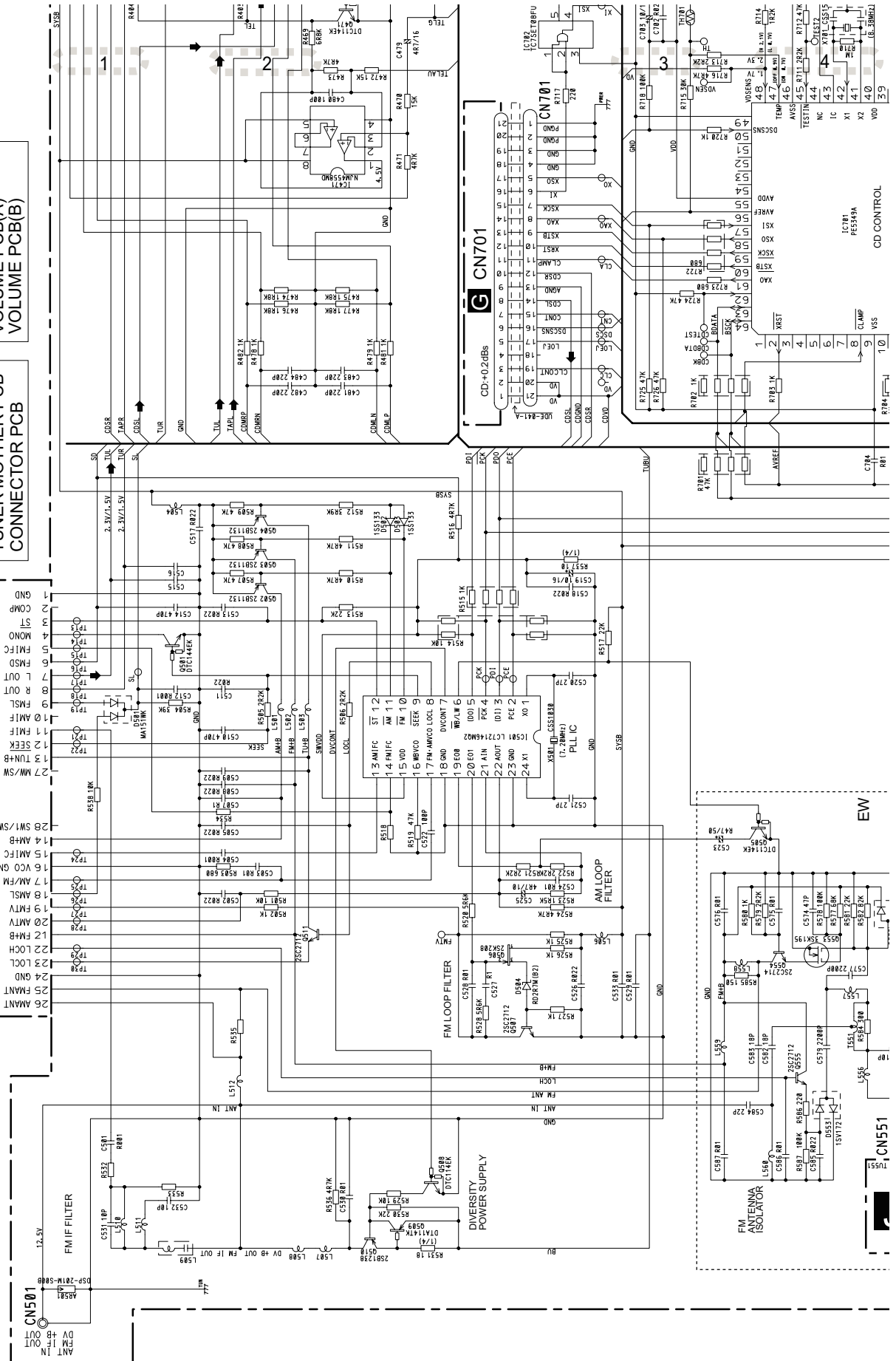
FM: -28.0dBs(EW)  
AM: -28.0dBs(EV)  
FM: -30.0dBs  
AM: -26.0dBs

TUNER MOTHER ASSY  
Consists of  
TUNER MOTHER PCB  
CONNECTOR PCB

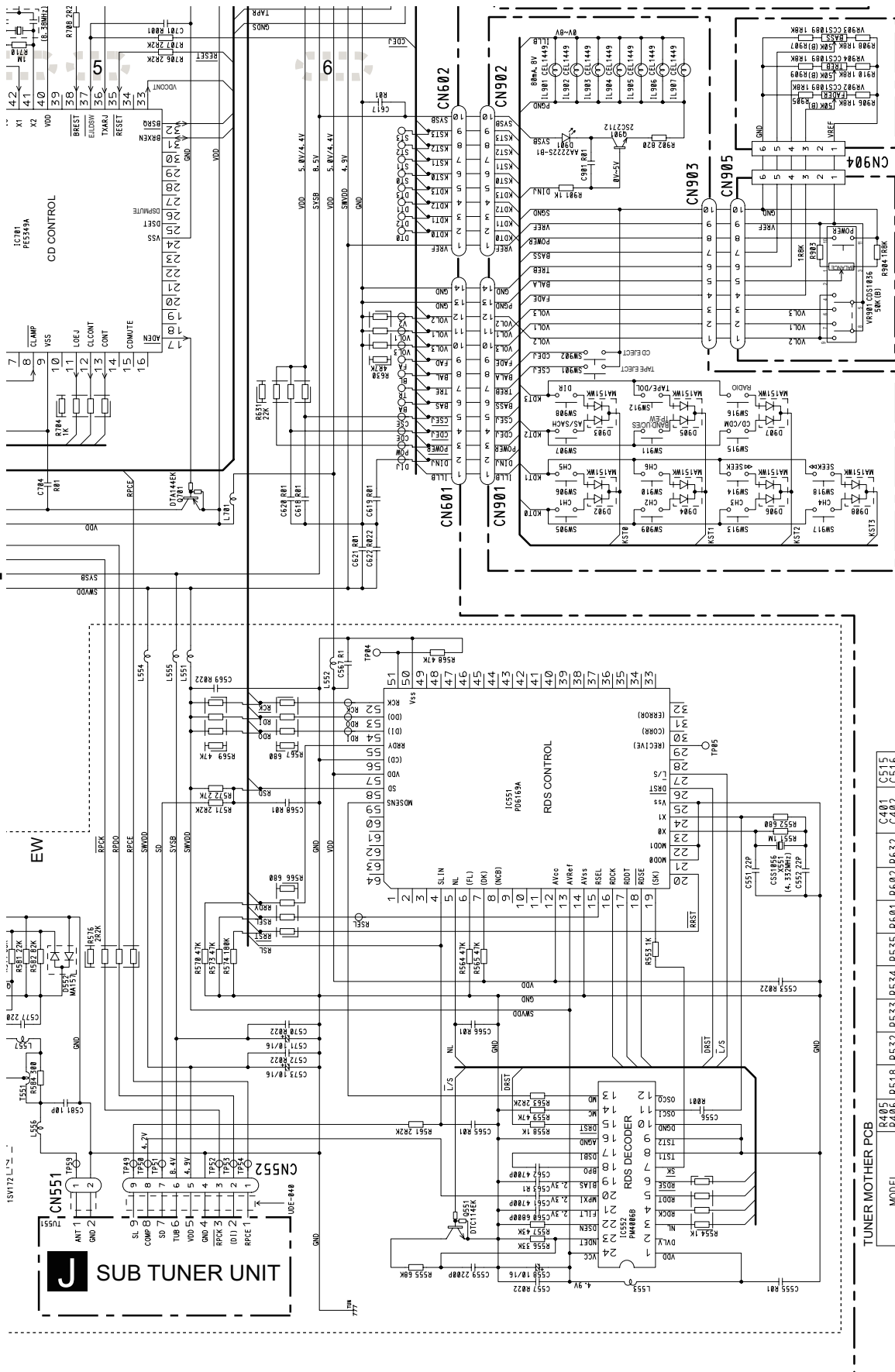
VOLUME UNIT

Consists of  
VOLUME PCB(A)  
VOLUME PCB(B)

A-b B







**J** SUB TUNER UNIT

**D** KEYBOARD UNIT

**E** VOLUME PCB(A)

**F** VOLUME PCB(B)

A-b

A

B

C

D

E

F

A-a

A-b

D

E

F

A-a

D E F



A

B

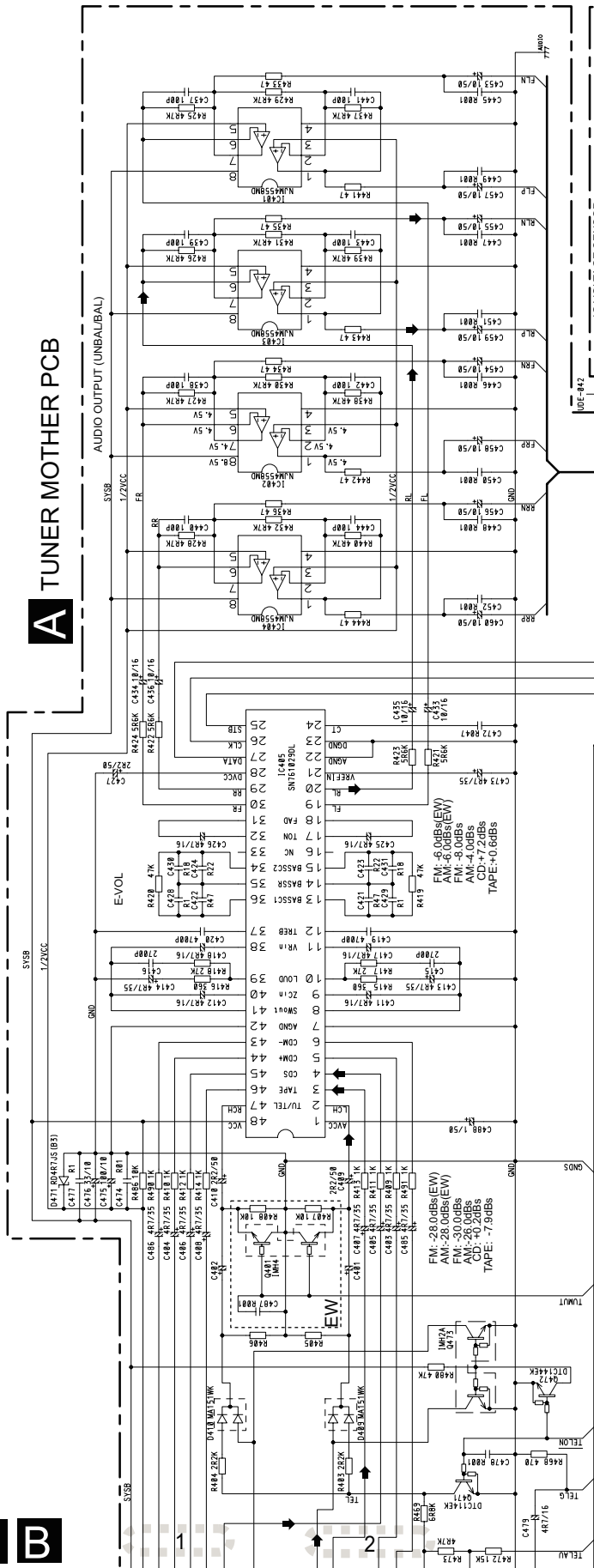
C

D

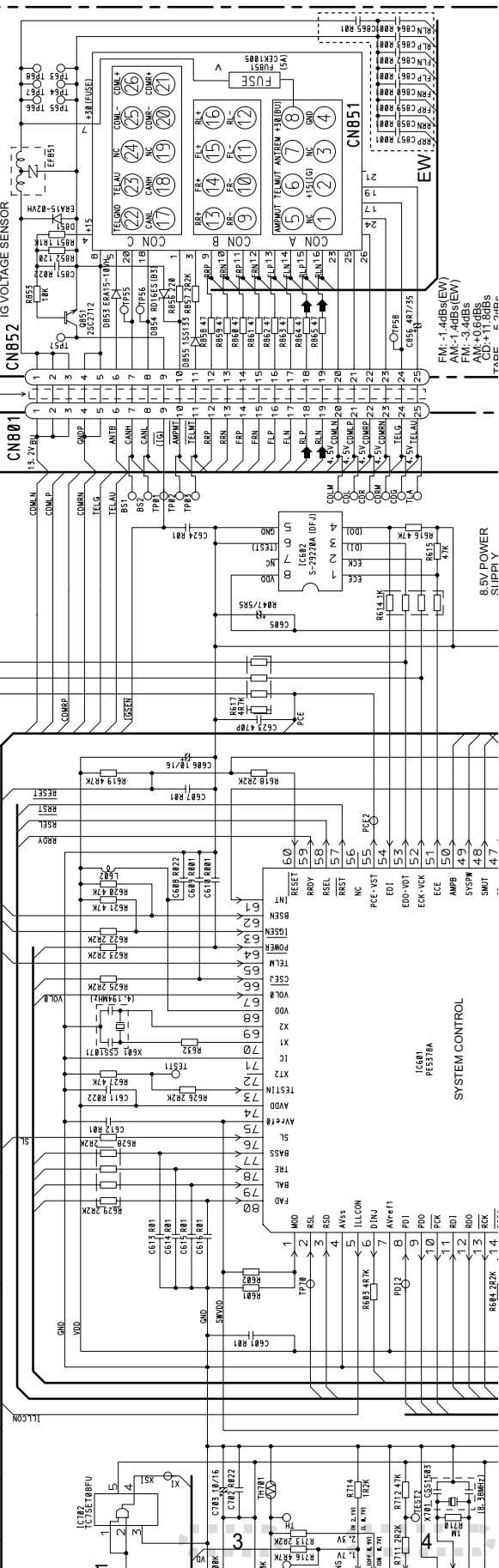
E

F

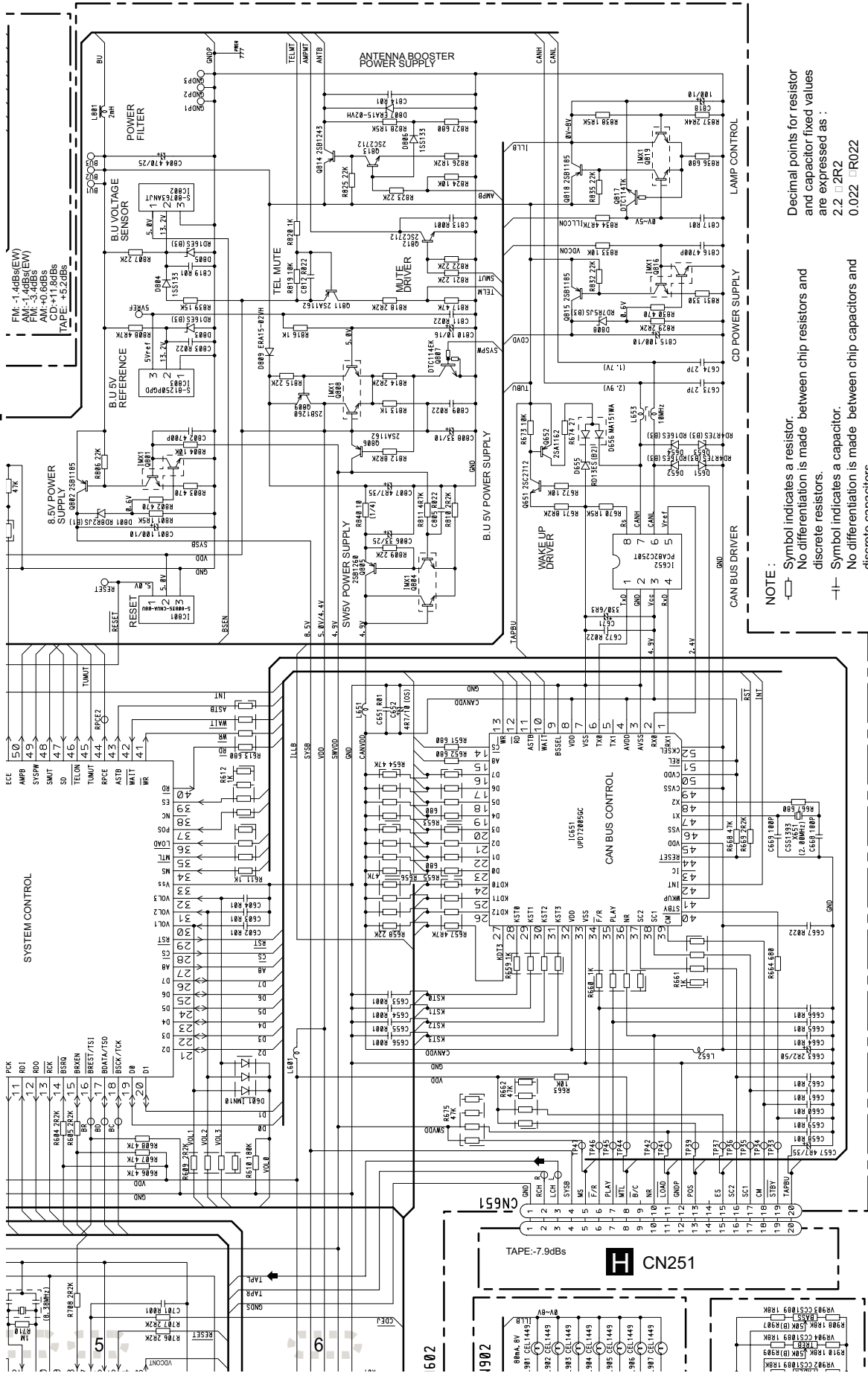
# A TUNER MOTHER PCB



# B CONNECTOR PCB



FX-M2137ZSA/X1B/UC



NOTE:

- Symbol indicates a resistor.
- No differentiation is made between chip resistors and discrete resistors.
- Symbol indicates a capacitor.
- No differentiation is made between chip capacitors and discrete capacitors.

Decimal points for resistor and capacitor fixed values are expressed as:

2.2 → 2R2  
0.022 → R022

The > mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.

A-a A-b

A-b

ME PCB(B)

# TUNER UNIT(FX-M2137ZSA/X1B/UC, FX-M2337ZSA/X1B/ES)

## C TUNER UNIT

FM SIGNAL  
AM SIGNAL

A

AM I

IC1 PA4023B

FM IF (10.7MHz)  
AM 1ST IF (10.71MHz)

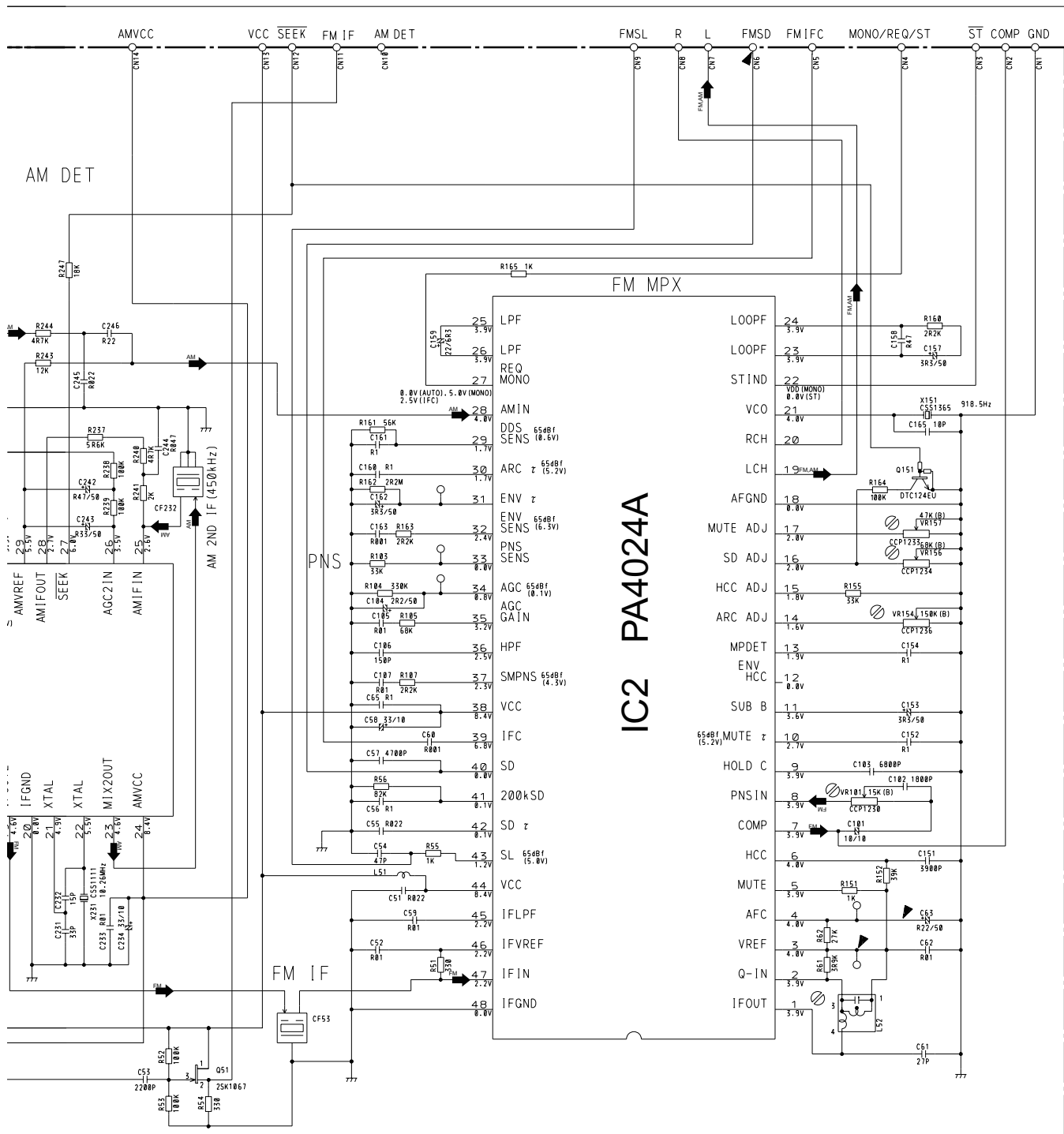
FX-M2137ZSA/X1B/UC

1

2

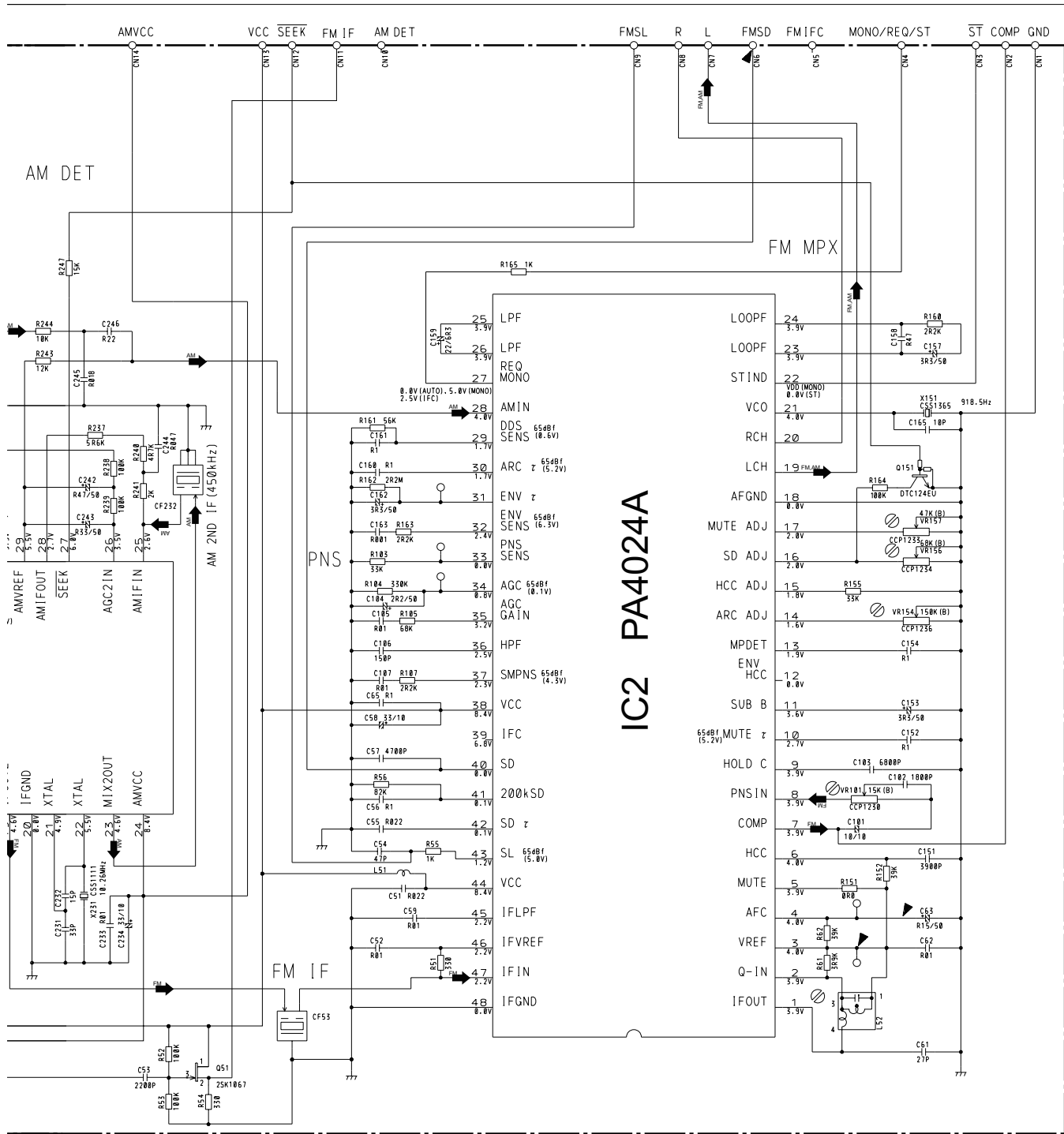
3

4



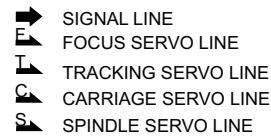
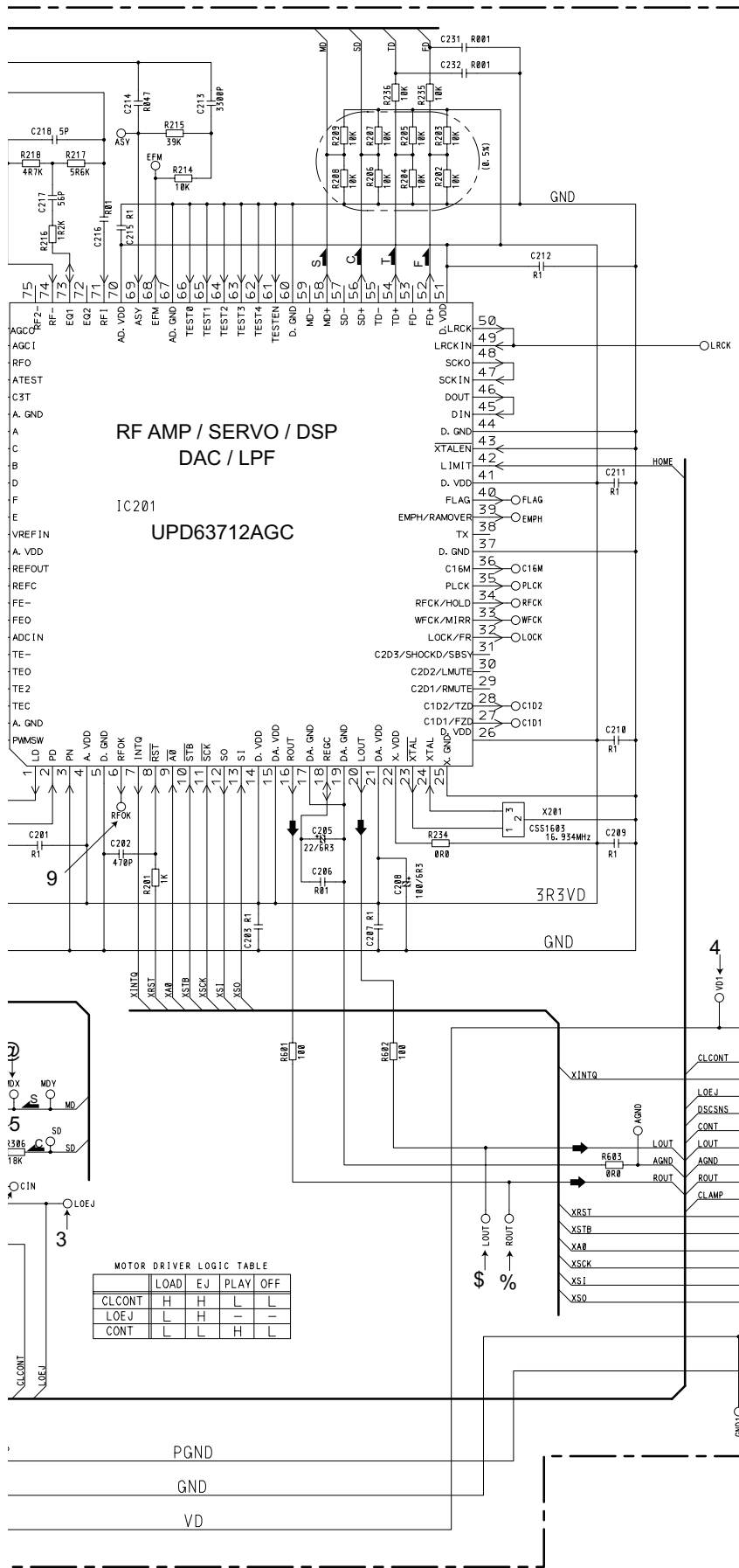
## C TUNER UNIT







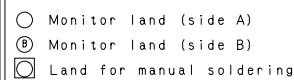




**SWITCHES:**  
 CD CORE UNIT  
 S901 : HOME SWITCH.....ON-OFF  
 S902 : CLAMP SWITCH.....ON-OFF  
 S903 : DSCSNS SWITCH.....ON-OFF  
 S904 : 12EJ SWITCH.....ON-OFF  
 S905 : 8EJ SWITCH.....ON-OFF  
 The underlined indicates the switch position.

NOTE1)

GND ...CD LSI  
 PGND ...Actuator, Motor Driver  
 AGND ...Audio  
 These GND's are not connected to each other on PCB.  
 PGND is connected to a floating mechanism part by a screw.



## G CD CORE UNIT (S10)

