

ONKYO SERVICE MANUAL

CD TUNER AUDIO SYSTEM MODEL CBX-100



RC-675S

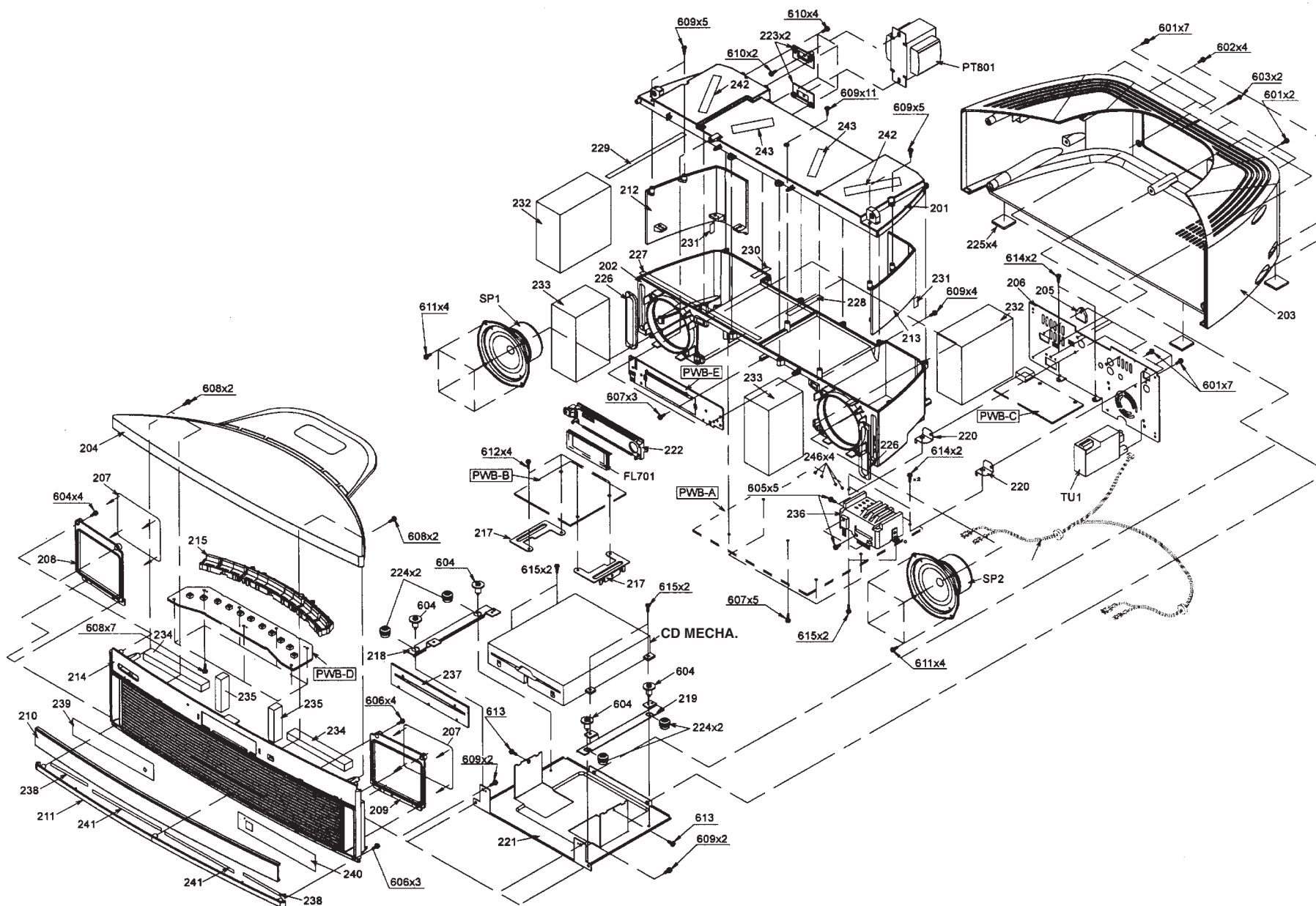
MPP	220-230V AC, 50/60Hz
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SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY MARK  ON THE SCHEMATIC DIAGRAM AND IN THE PARTS LIST ARE CRITICAL FOR RISK OF FIRE AND ELECTRIC SHOCK. REPLACE THESE COMPONENTS WITH ONKYO PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL.

MAKE LEAKAGE-CURRENT OR RESISTANCE MEASUREMENTS TO DETERMINE THAT EXPOSED PARTS ARE ACCEPTABLY INSULATED FROM THE SUPPLY CIRCUIT BEFORE RETURNING THE APPLIANCE TO THE CUSTOMER.

EXPLODED VIEW



A

B

C

D

EXPLODED VIEW OF MECHANISM

1

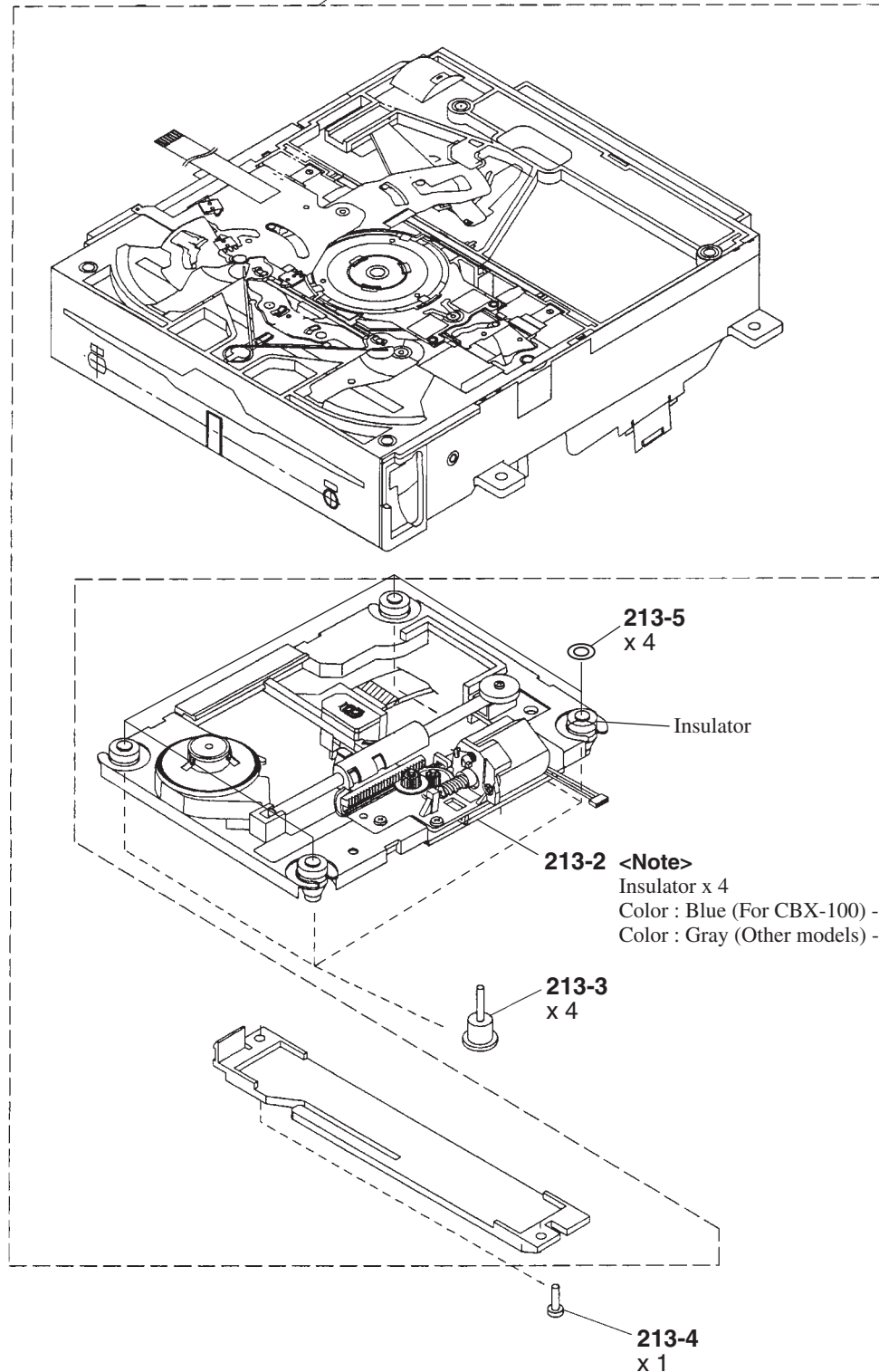
213-1

2

3

4

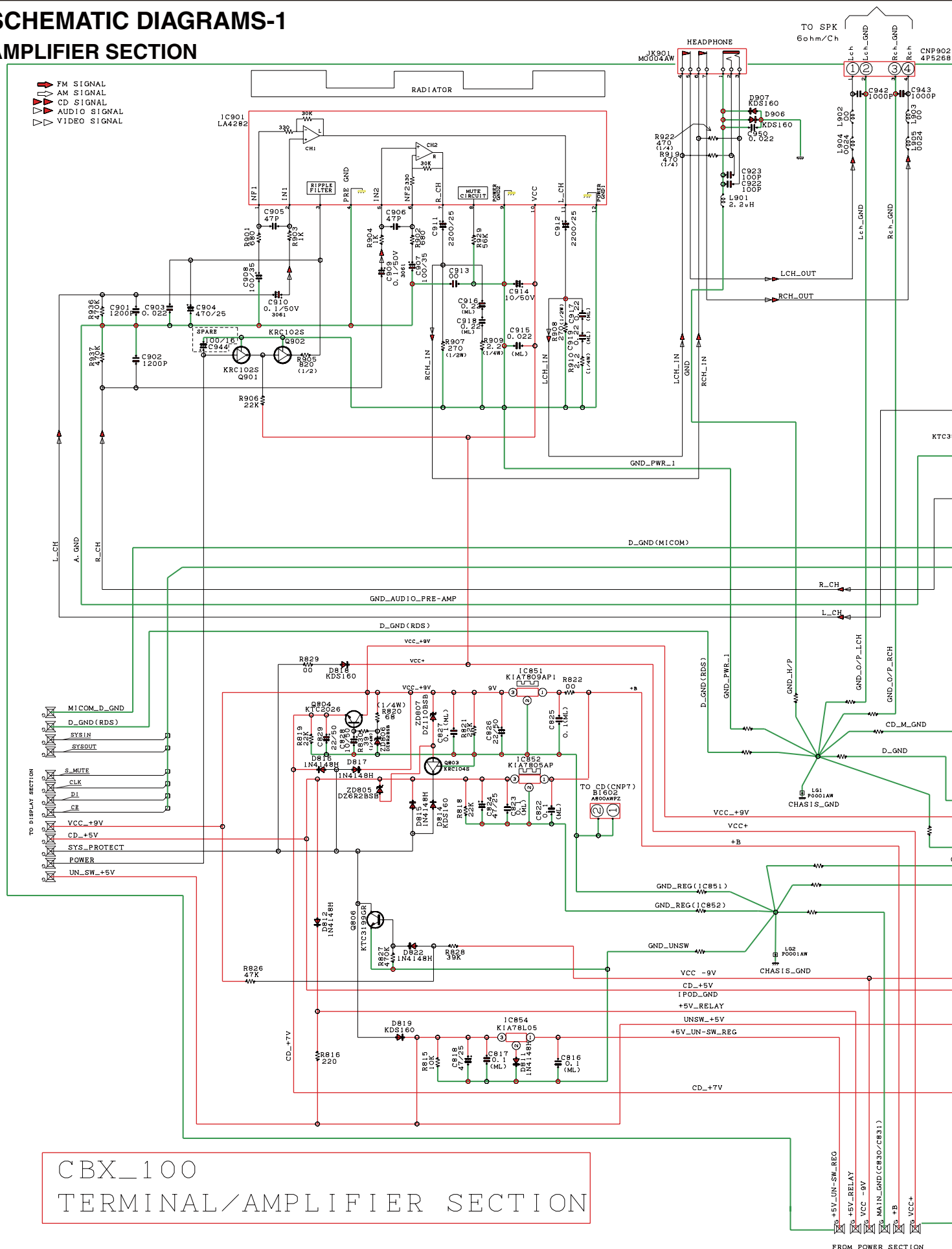
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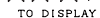
SCHEMATIC DIAGRAMS-1

AMPLIFIER SECTION

- FM SIGNAL
 AM SIGNAL
 CD SIGNAL
 AUDIO SIGNAL
 VIDEO SIGNAL

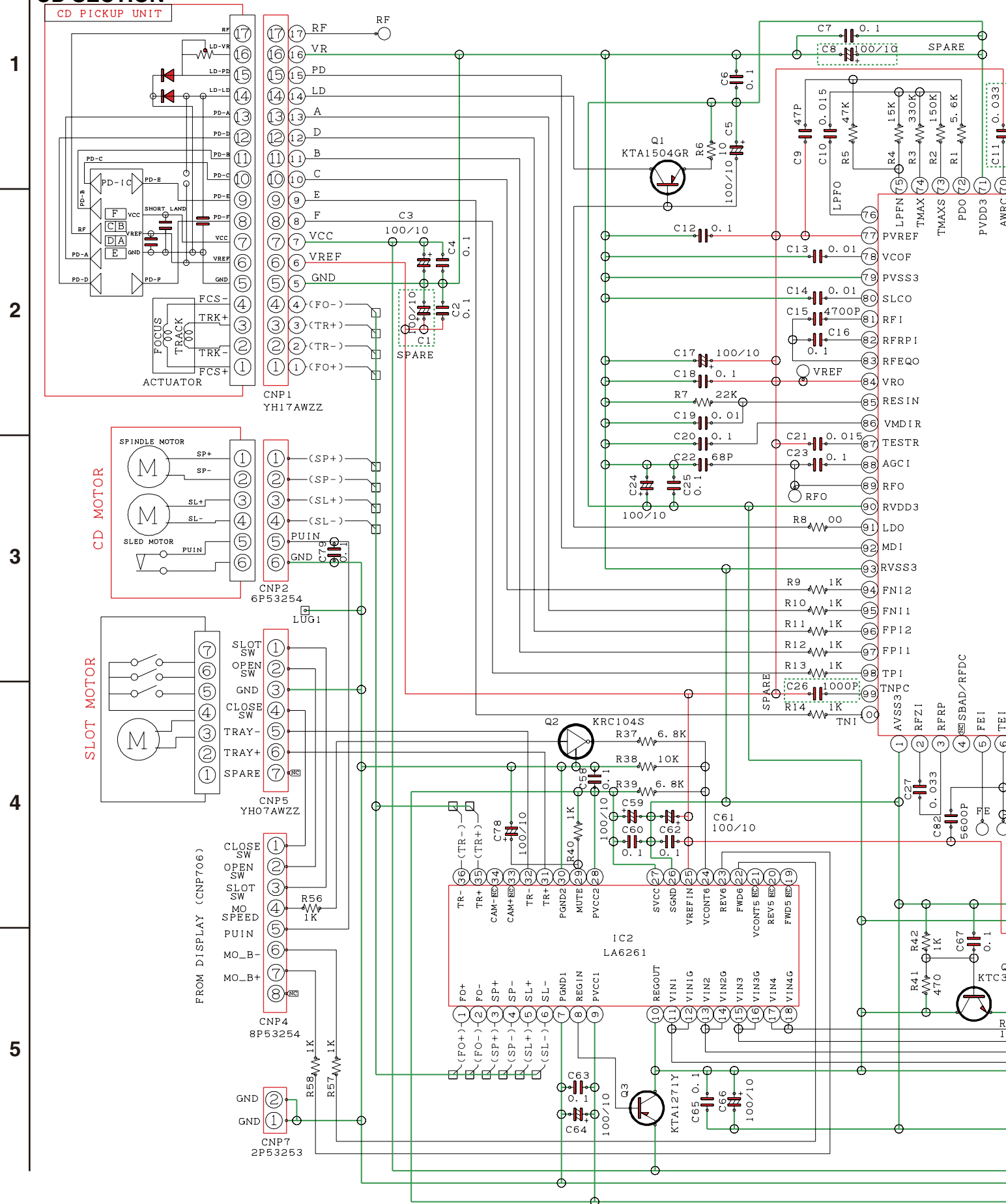


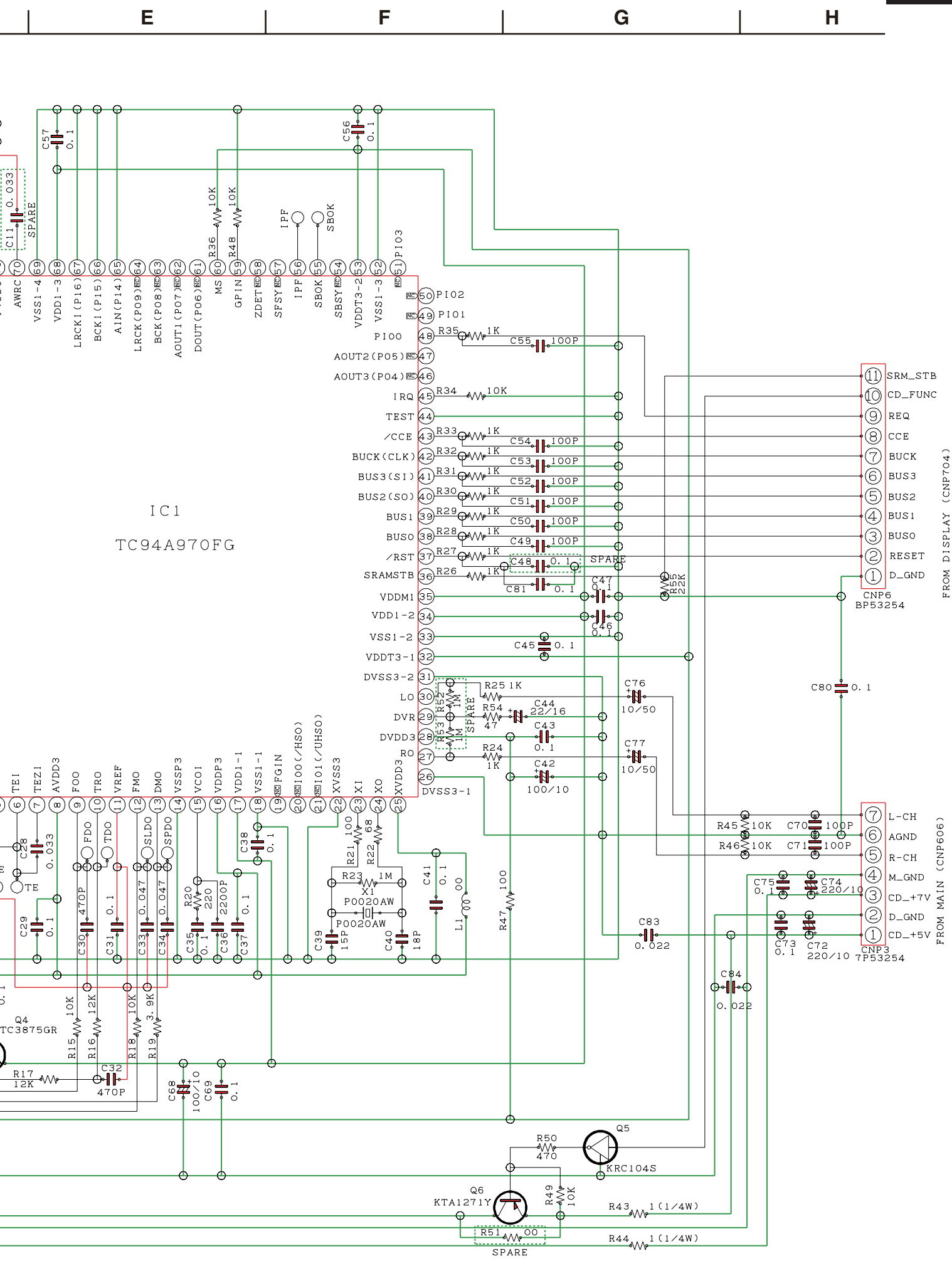
CBX_100
TERMINAL/AMPLIFIER SECTION



SCHEMATIC DIAGRAMS-2

CD SECTION





SCHEMATIC DIAGRAMS-3

DISPLAY / MICOM SECTION

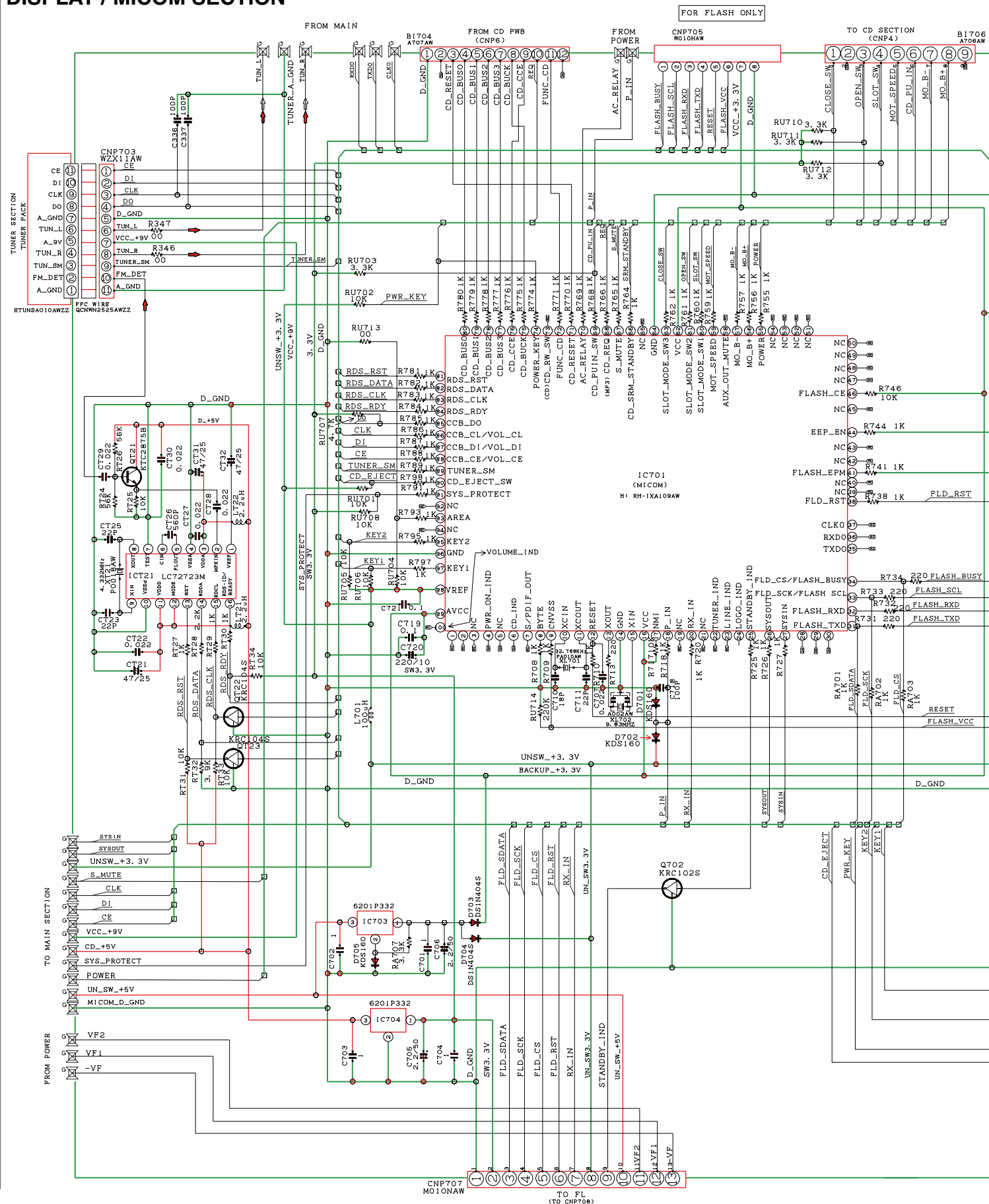
1

2

3

4

5



E

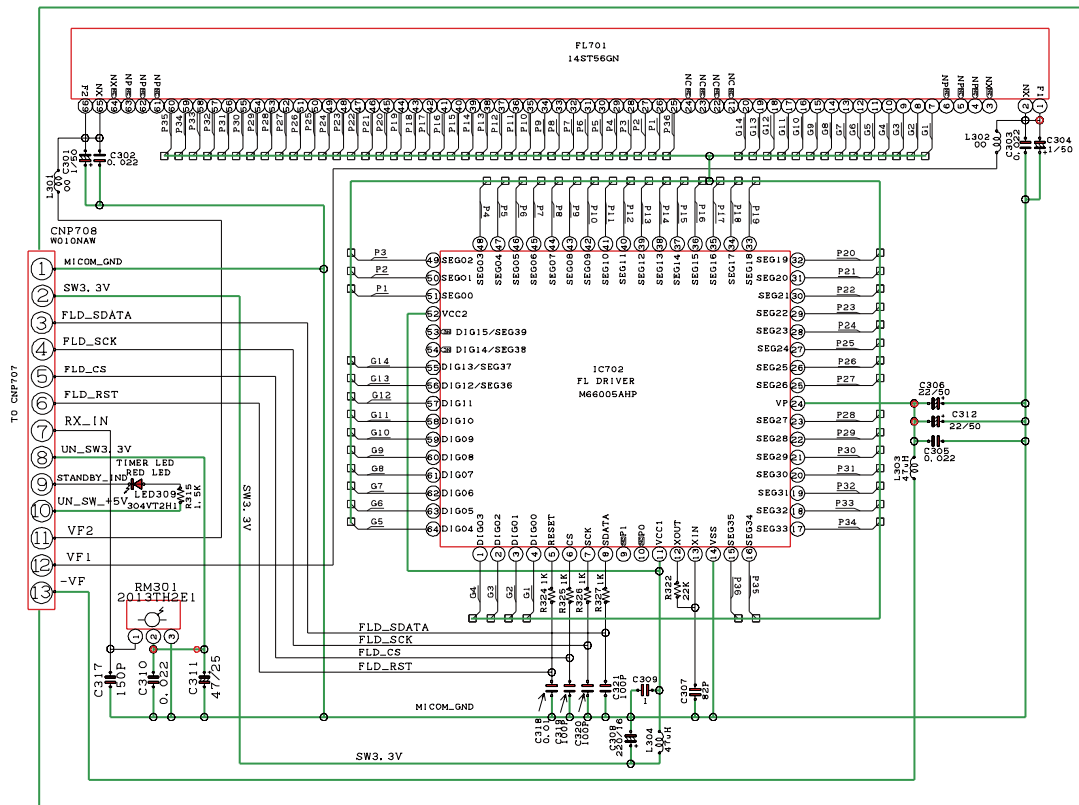
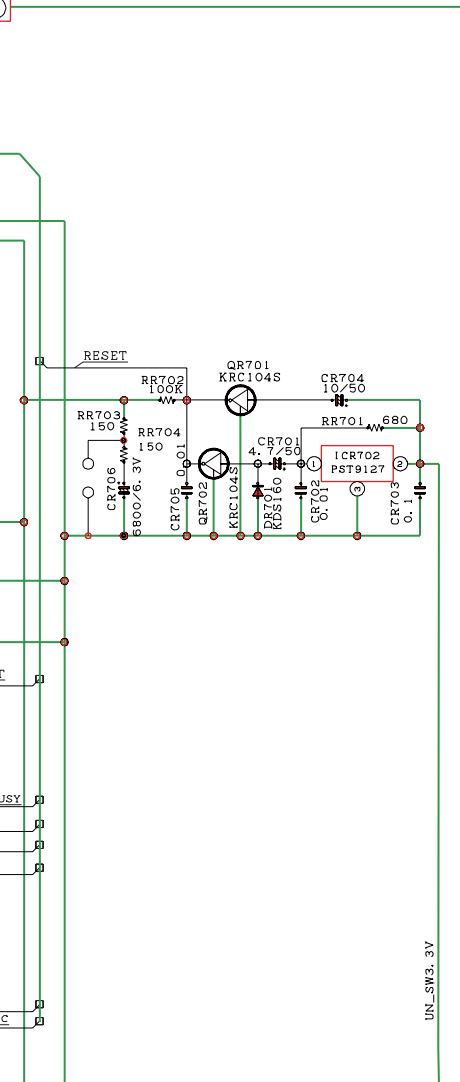
F

G

H

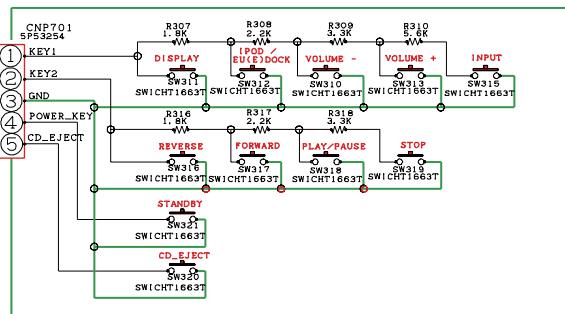
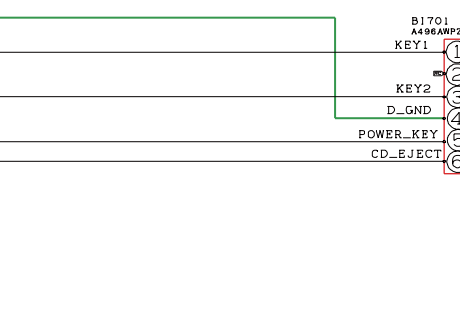
706

06AW



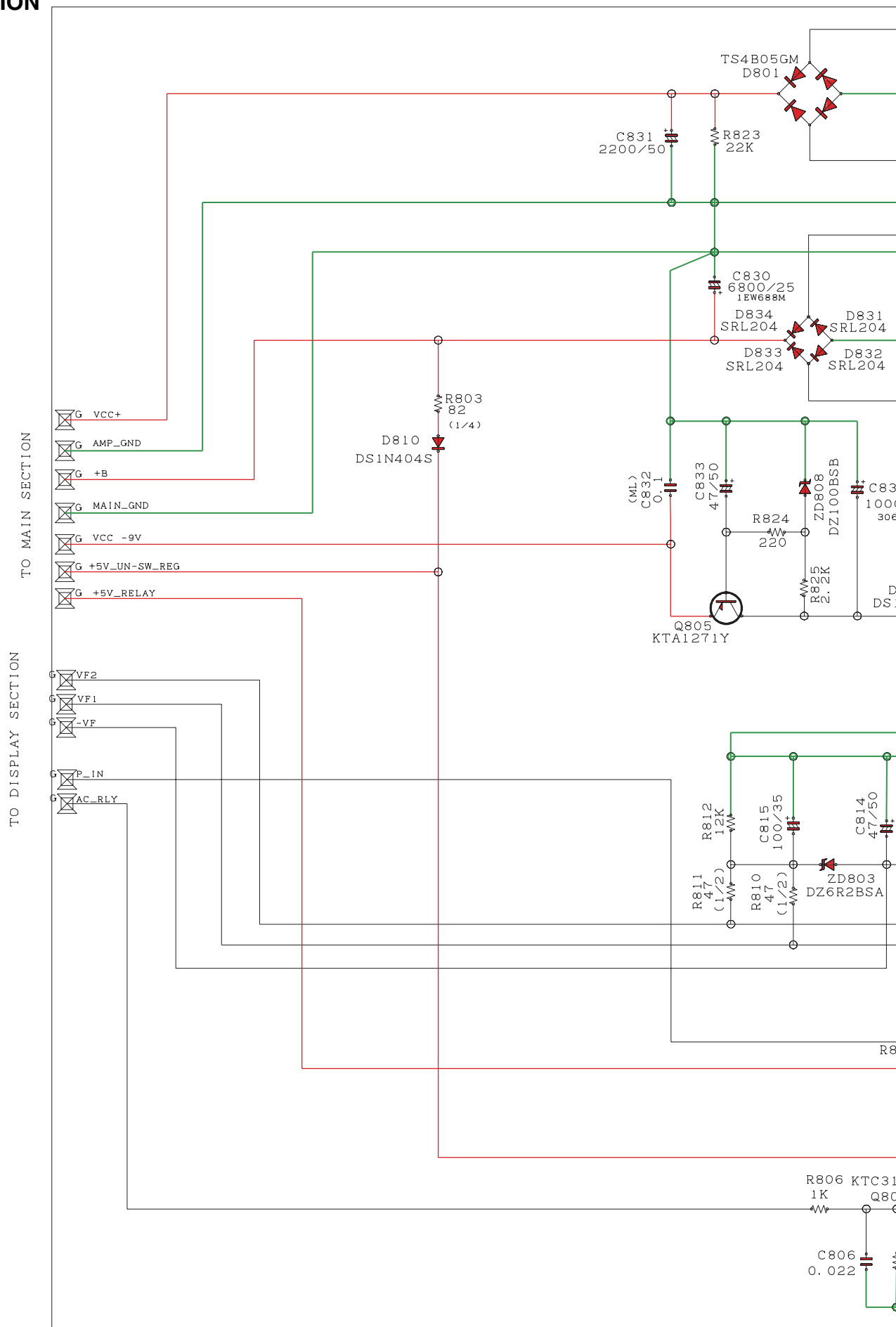
FM SIGNAL
AM SIGNAL
CD SIGNAL
AUDIO SIGNAL

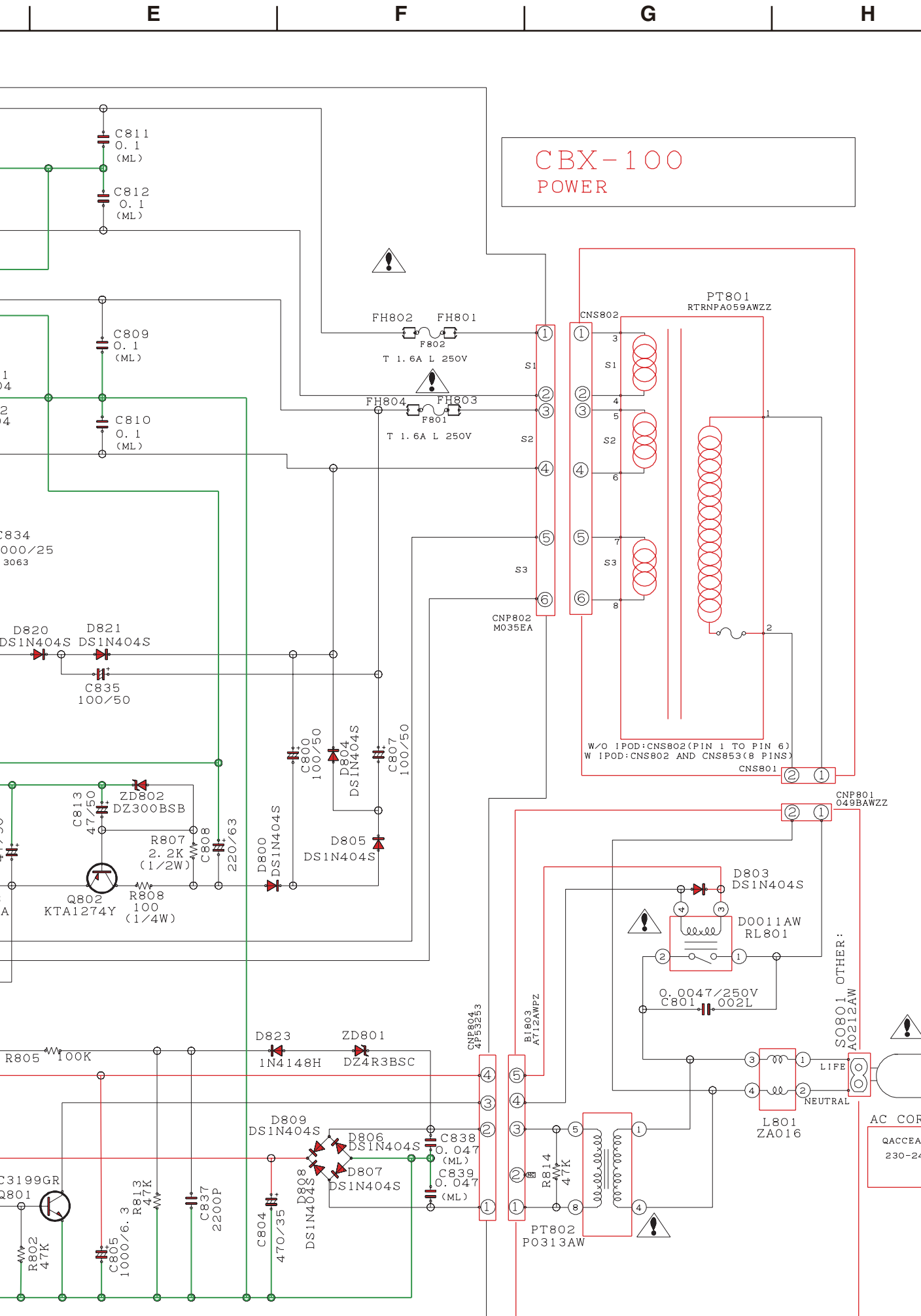
CBX-100 DISPLAY/MICOM SECTION



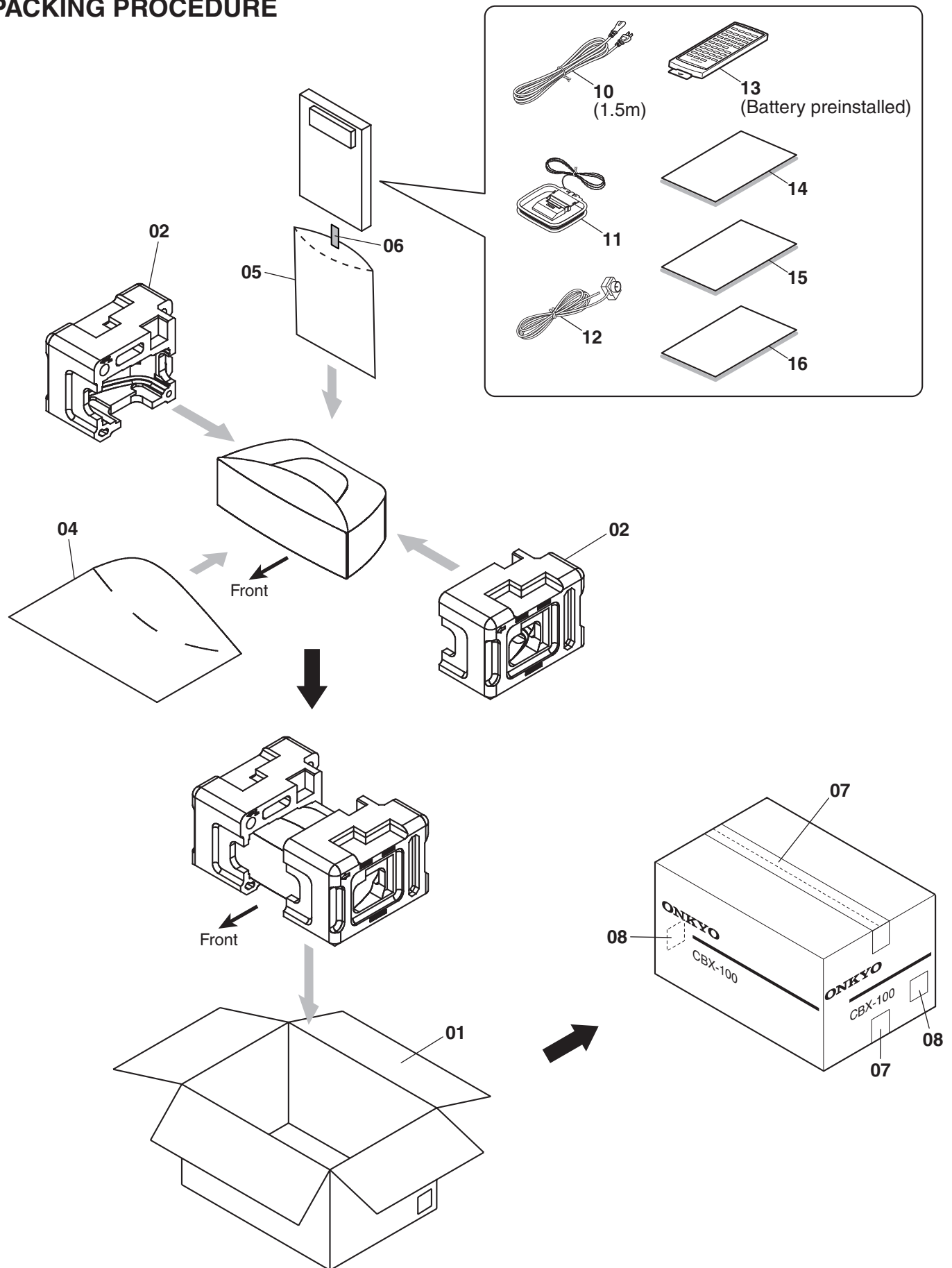
SCHEMATIC DIAGRAMS-4

POWER SECTION





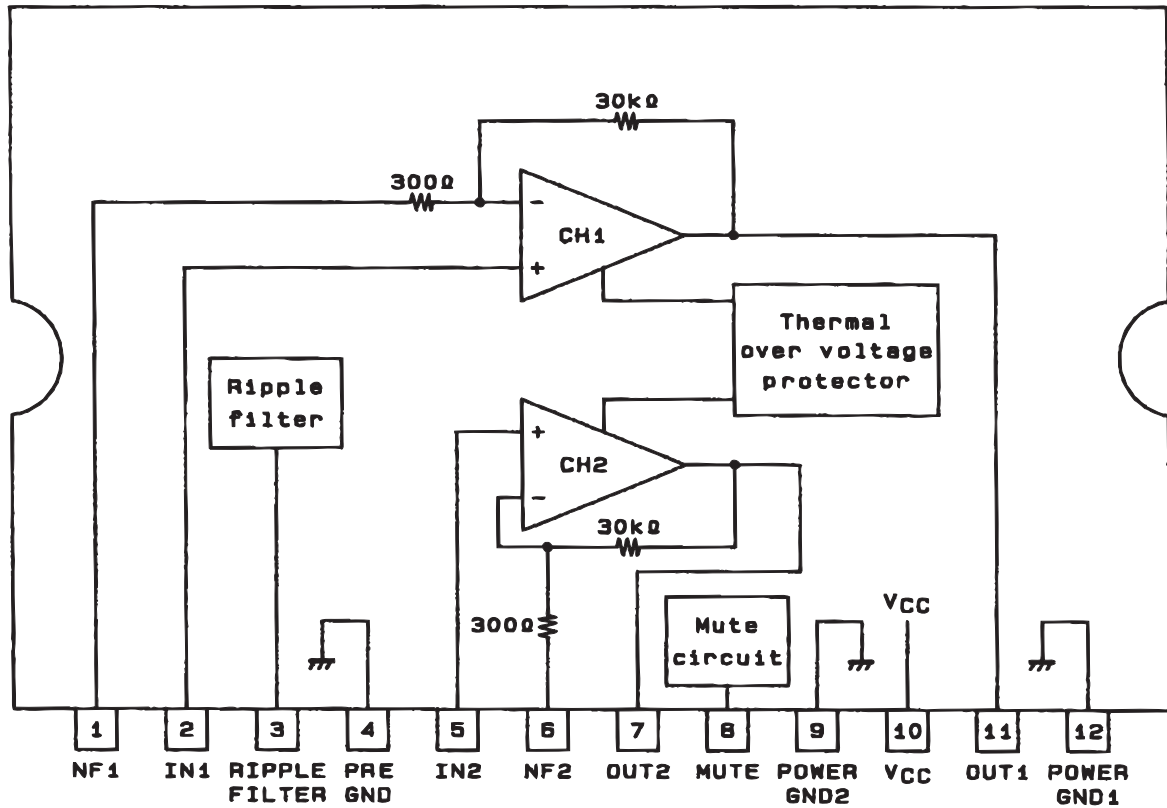
PACKING PROCEDURE



IC BLOCK DIAGRAM AND TERMINAL DESCRIPTION

IC901 : LA4282 (Power Amplifier)

BLOCK DIAGRAM



SERVICE PROCEDURE

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING

This set employs a laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!!

SERVICE WARNING : DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION, BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICKUP BLOCK.

Laser Diode Properties

Material: GaAs/GaAlAs

Wavelength: 760-800nm

Laser output: max. 0.5mW*

Emission Duration: continuous

*This output is the value measured at a distance about 1.8mm from the objective lens surface on the Optical Pickup Block.

Laser warning label

Class 1 label



LUOKAN 1
LASERLAITE

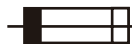
KLASS 1
LASER APPARAT

Printed on rear panel

Replacing the fuse



This symbol located near the fuse indicates that the fuse used is slow operating type. For continued protection against fire hazard, replace with same type fuse. For fuse rating, refer to the marking adjacent to the symbol.



Ce symbole indique que le fusible utilisé est à lent. Pour une protection permanente, n'utiliser que des fusibles de même type. Ce dernier est indiqué là où le présent symbole est apposé.

REF. NO.	PART NAME	DESCRIPTION	PART NO. (SN)	REMARKS
F801	FUSE	1.6A-SE-TL250V(1.6A/250V)	252273GR	⚠
F802	FUSE	1.6A-SE-TL250V(1.6A/250V)	252273GR	⚠

Initialize the unit

- (1) Disconnect the AC power cord from the wall outlet.
- (2) Press and hold down the **STANDBY/ON** button, connect the AC power cord into the wall outlet.

FL display



---> Standby mode

- (3) Disconnect the AC power cord from the wall outlet.

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