

**DIFFERENCE LIST**  
 DIAGRAMS SHOWN ARE ALL FOR CE28WN5-B-00.

LOCATION	Q901	L901	W902	W902A	W902B
CE28WN5-B-00	W86CEK001X14	L81B23400	W31B18300	1P00378	1P00378
CE32WN5-B-00	W79EGV023X015	L81B23500	W31B18200	1P00595	1P00595

LOCATION	MAIN UNIT	C421	C422	C423	C441	C642	K5C	L441	L462	R435	R451
CE28WN5-B-00	1AA0B10H046D0	8200K	0.018EAG	7200KX	0.18EAG	220XD	-	L71B0200N	L26B2520N	7FW4.7	2S.6
CE32WN5-B-00	1AA0B10H046C0	7800KX	0.027EAG	9800KX	0.22EAG	270XD	B0250N	L71B0160N	L26B0770N	7FW1.8	2S.2

LOCATION	MAIN UNIT	R455	R471	R519	R534	R537	R643	T451	T811
CE28WN5-B-00	1AA0B10H046D0	DJ390K	J	1MC	6.8K	6.8K	2S.12	L40B10100	L51B3400N
CE32WN5-B-00	1AA0B10H046C0	DJ220K	470	1.5MC	5.6K	5.6K	2S.15	L40B10000	L51B3220N

**COLOUR TELEVISION**

**CAM**

CHASSIS SERIES **EB6**

MODEL NUMBER **CE28WN5-B**  
**CE32WN5-B**

SERVICE REF. NO. **CE28WN5-B-00**  
**CE32WN5-B-00**

Part No. SKP20328 C3HAL

**The service Precaution:**  
 The area enclosed by this line ( ) is directly connected with AC mains voltage. When servicing the area, connect an isolating transformer between TV receiver and AC line to eliminate hazard of electric shock.

**Product safety notice:**  
 Product safety should be considered when a component replacement is made in any area of a receiver. Components indicated by a mark & in this circuit diagram show components whose values have special significance to product safety. It is particularly recommended that only parts specified on the part service manual be used for components replacement pointed out by the mark.

**Circuit diagram notes:**  
 1. All resistance values are in ohms, K=1,000, M=1,000,000.  
 2. All resistance rated wattages are 1/8W unless otherwise noted.  
 3. Excepting electrolytic capacitors, all capacitance values of less than 1 are expressed in pF and more than 1 are in μF.  
 4. All capacitance rated voltages are 50V unless otherwise noted.  
 5. All inductance values are in μH.  
 6. Voltage readings taken with a digital voltmeter are from point indicated chassis ground. Voltage readings taken with a colour bar signal are with all controls at normal position. Some voltages may vary with signal strength.  
 7. Waveforms were taken with colour bar and controls adjusted for normal picture. Waveforms were taken by using a wide band oscilloscope and a low capacity probe.

**Expression of capacitance and resistance in circuit diagram.**

**Capacitance (Example)**  
 1000 Ω M 2000 Ω

Characteristic Capacitance value (220pF)  
 Tolerance (±20%)  
 Kind(Ceramic)  
 Rated voltage (1,000V)

**Resistance (Example)**  
 1/2 N J 1/2

Resistance value (1.2)  
 Tolerance (±5%)  
 Kind (M:carbon)  
 Rated wattage (1/2W)

**Terminal guide**

C: Collector  
 B: Base  
 E: Emitter

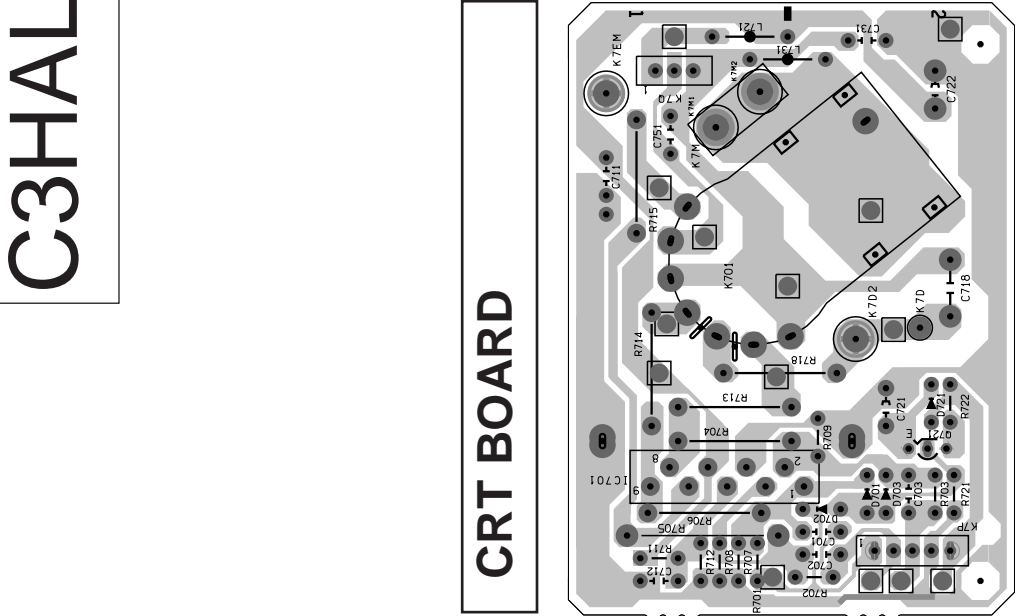
A: Anode  
 K: Cathode

**Chip Components**

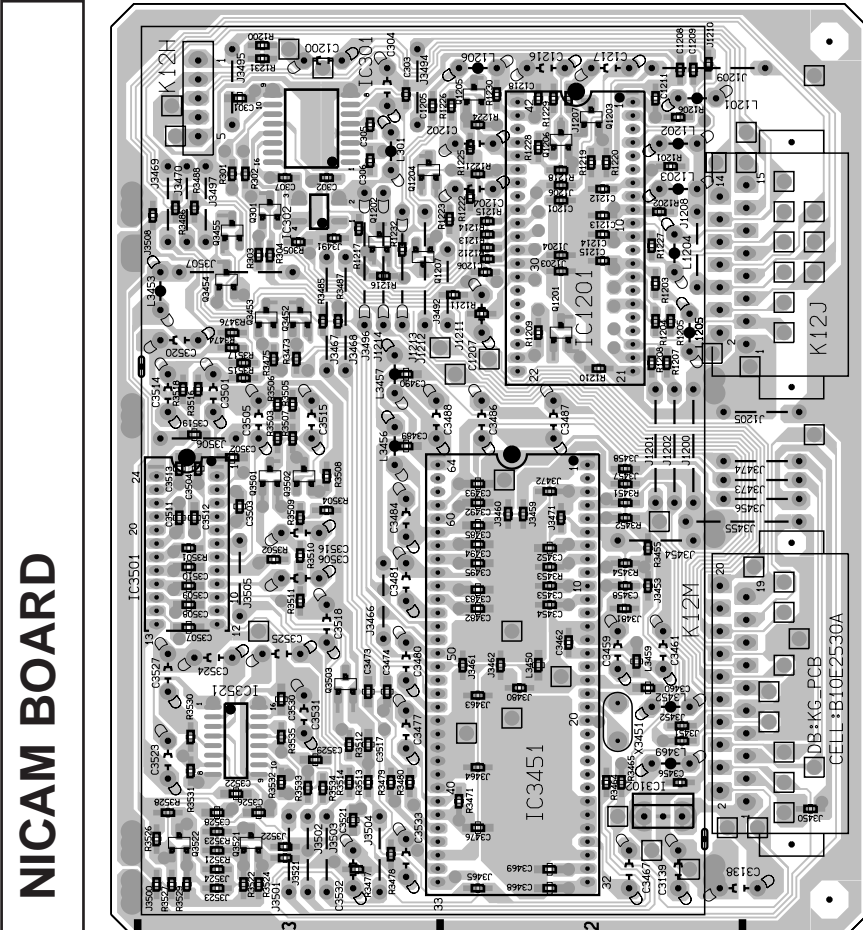
Resistor  
 Diode  
 Transistor

T, A, U, D: Electrolytic  
 C, K, B: Ceramic  
 F: Mylar film  
 M, N: Polypropylene  
 Z: Metallized paper

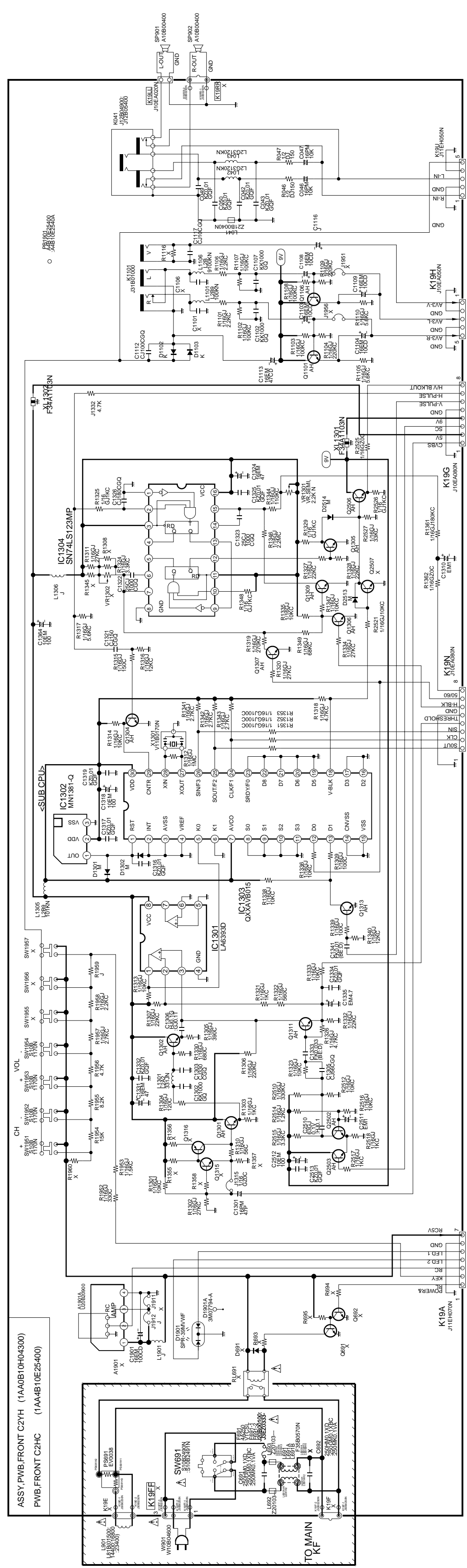
D: Carbon  
 N: Metallized carbon  
 S: Oxide metallized  
 W: Wire winding  
 C: Solid



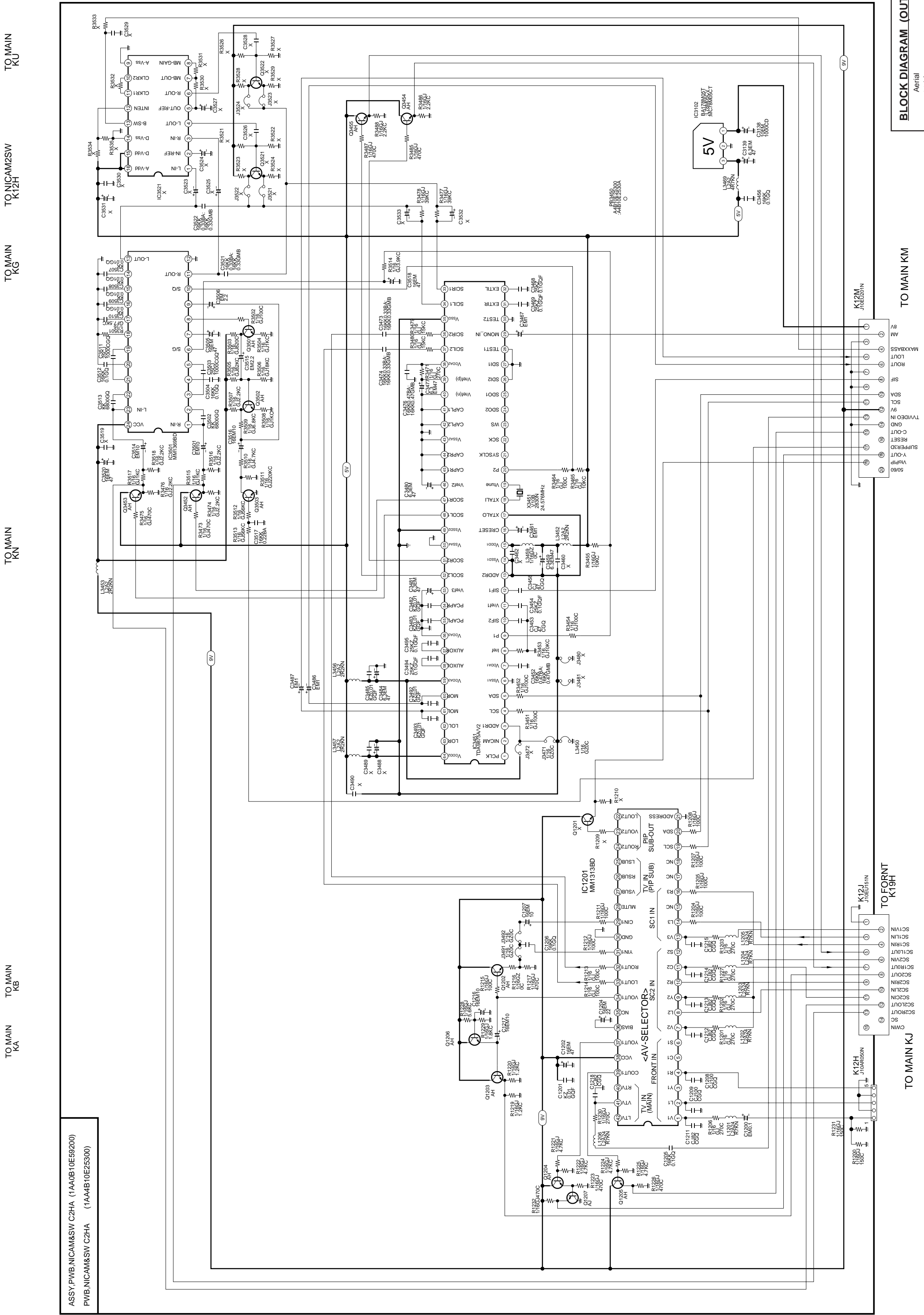
CRT BOARD



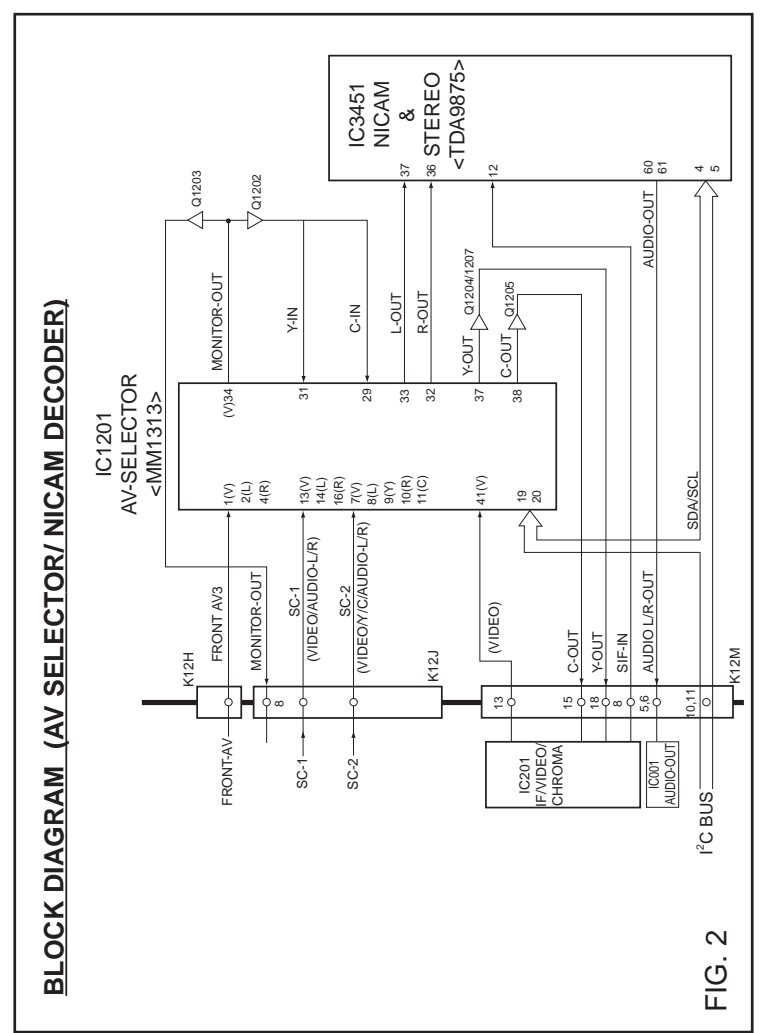
NICAM BOARD



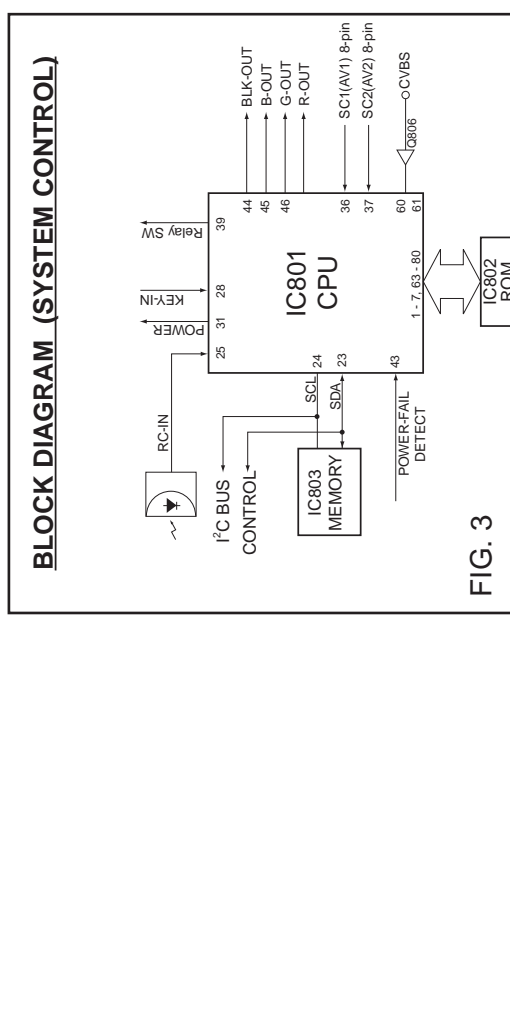
ASSY.PWB.FRONT.C21H (1A4B10E4300)  
PWB.FRONT.C21C (1A4AB10E25400)



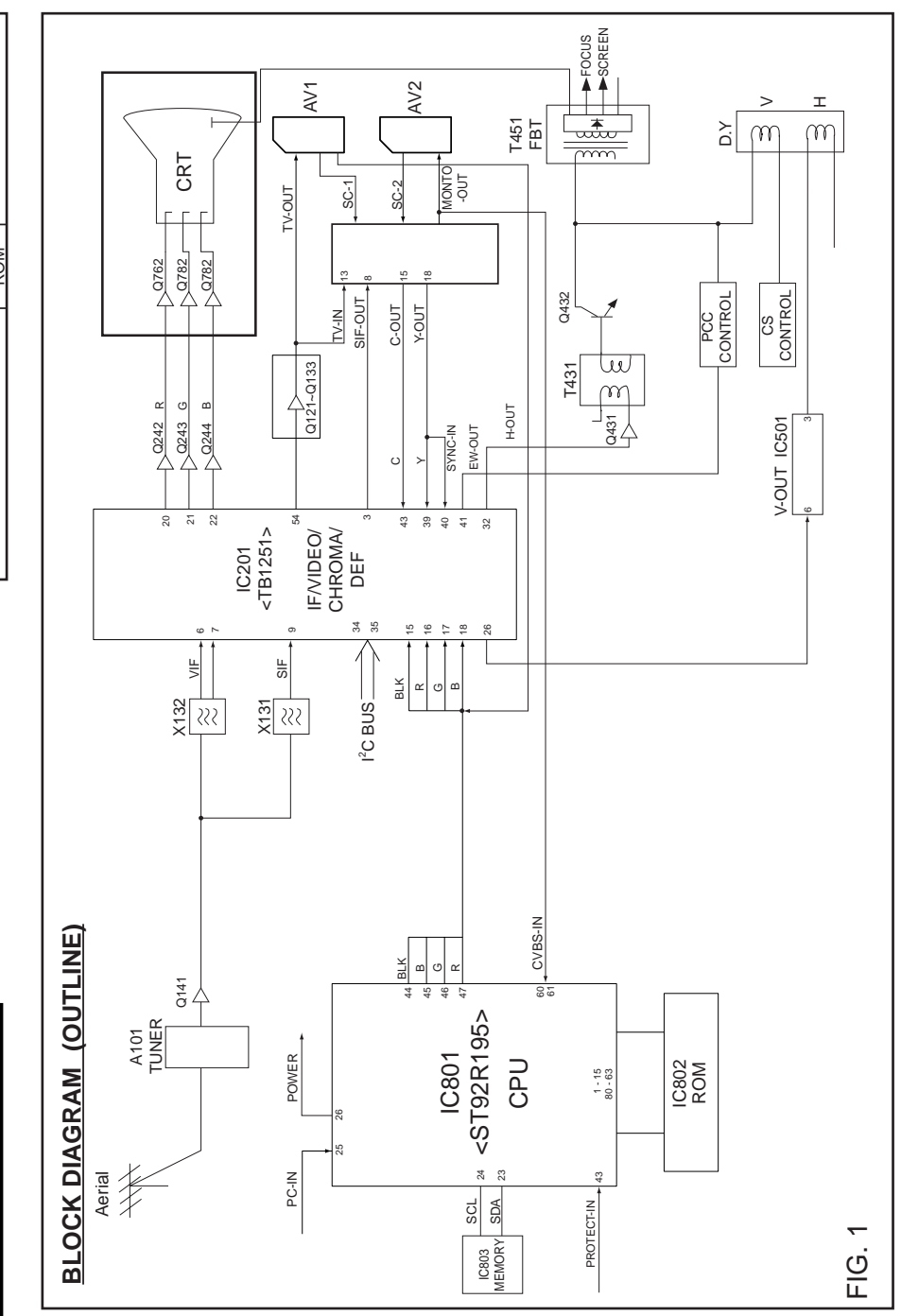
ASSY.PWB.NICAM.SW.C2HA (1A4B10E69200)  
PWB.NICAM.SW.C2HA (1A4AB10E25300)



BLOCK DIAGRAM (AV SELECTOR/NICAM DECODER)



BLOCK DIAGRAM (SYSTEM CONTROL)



BLOCK DIAGRAM (OUTLINE)

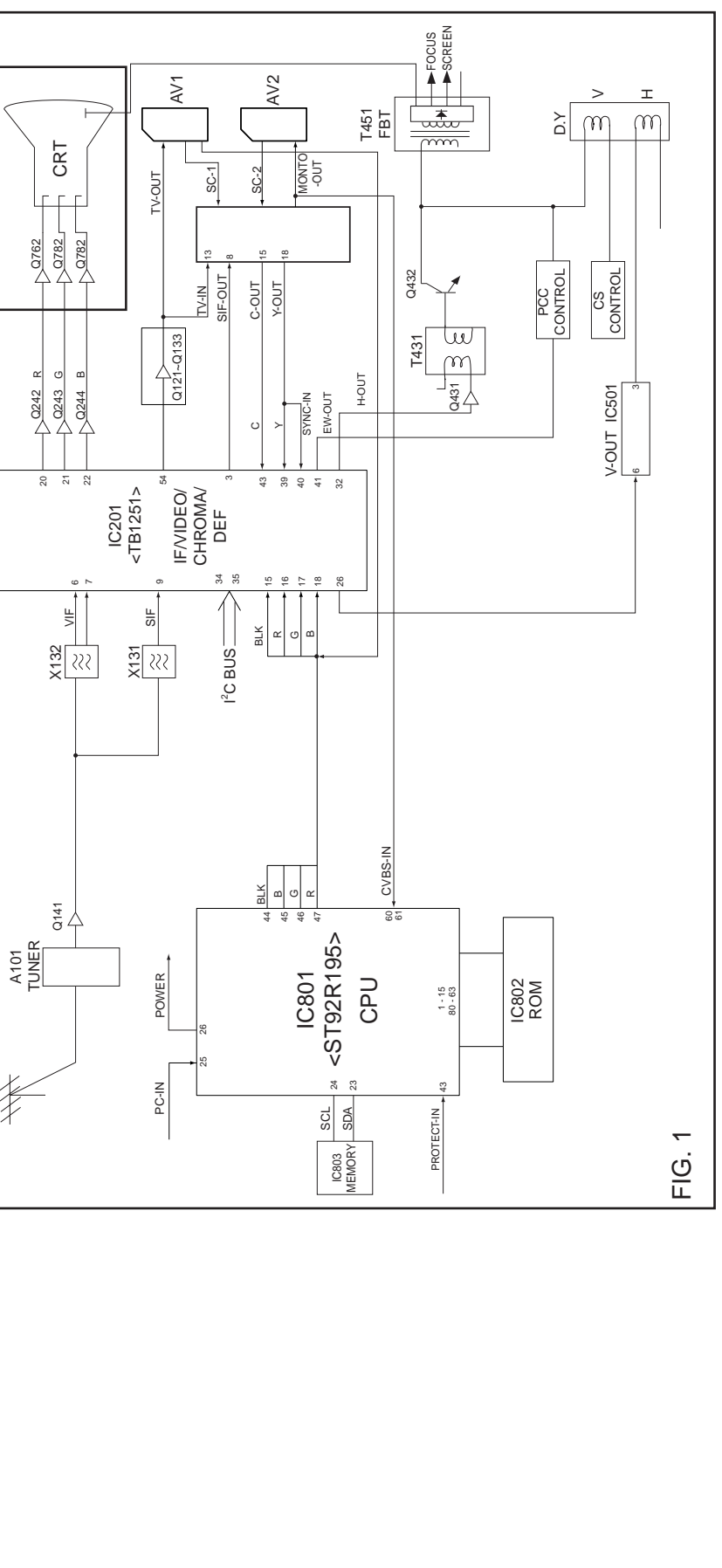
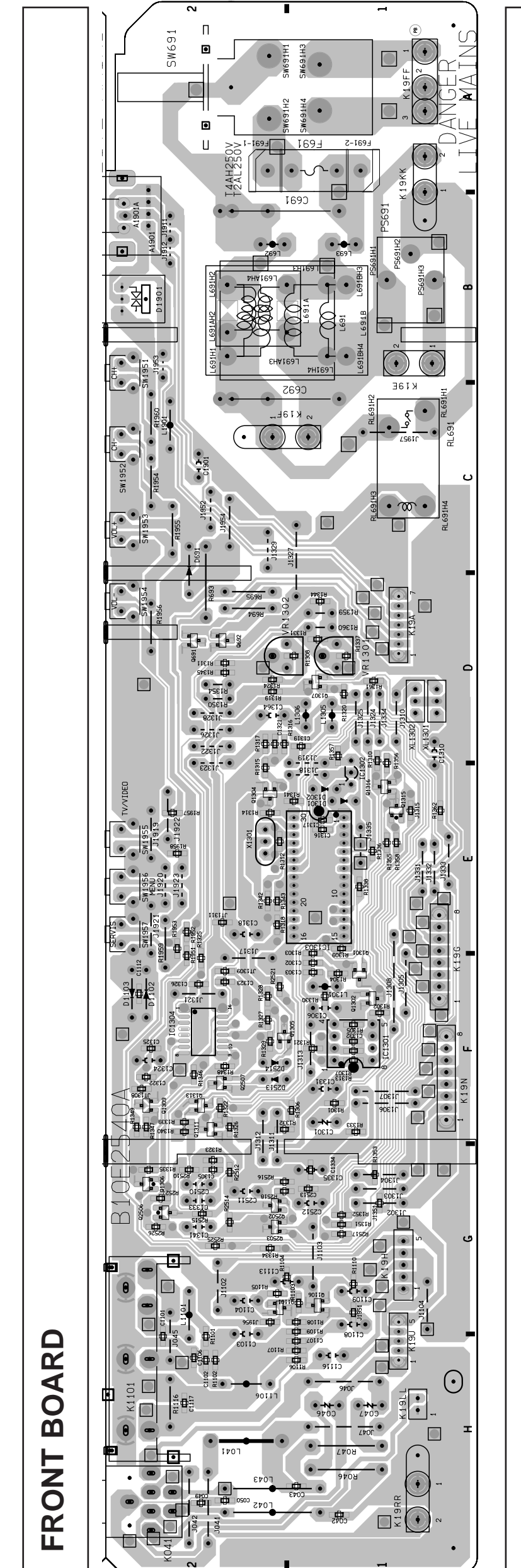
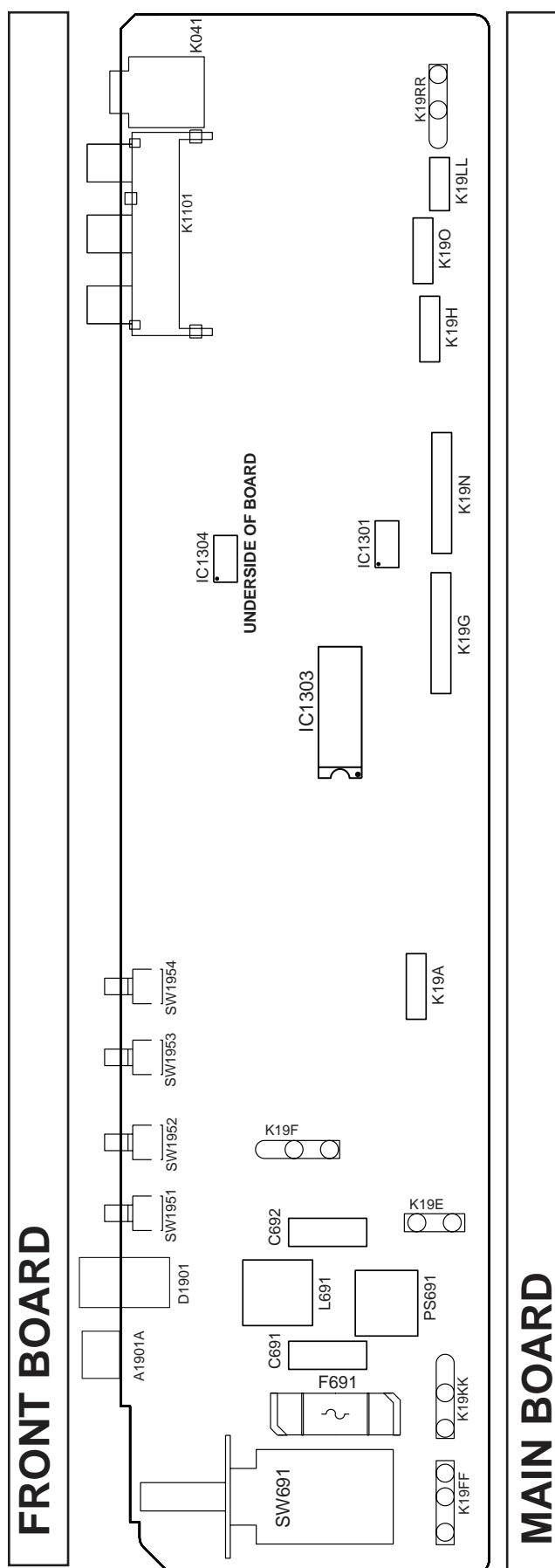


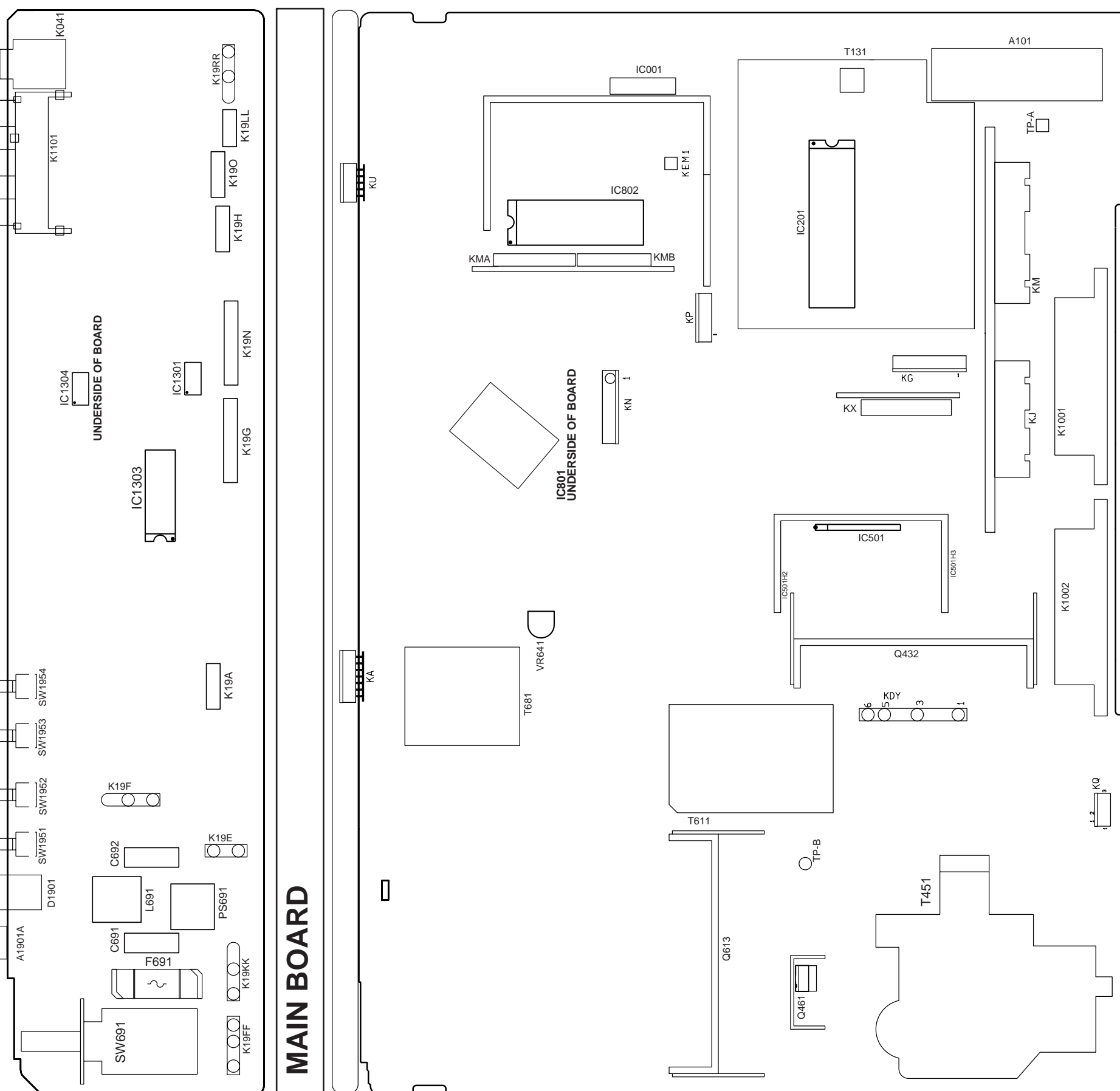
FIG. 1



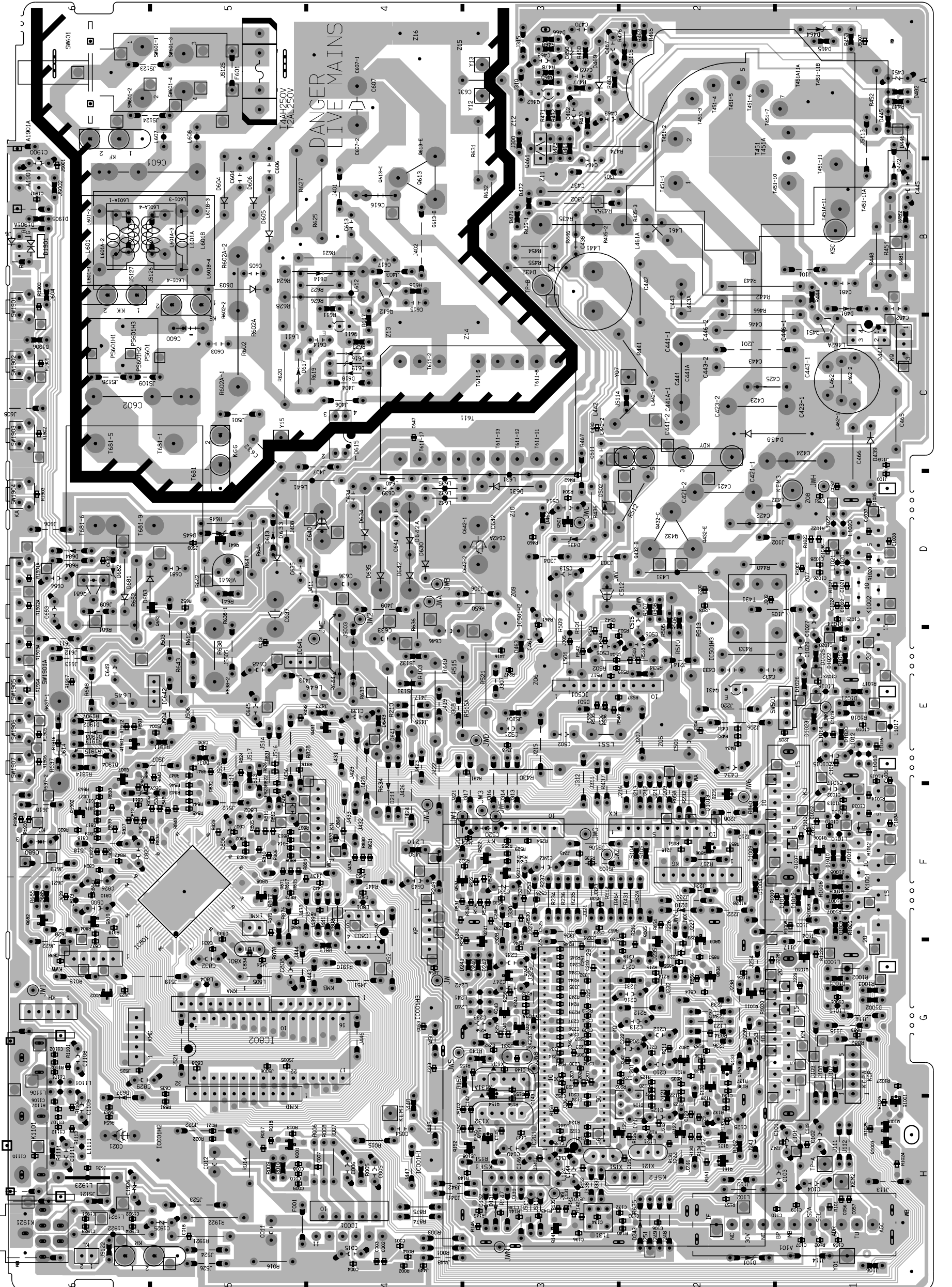
FRONT BOARD



FRONT BOARD



MAIN BOARD



MAIN BOARD