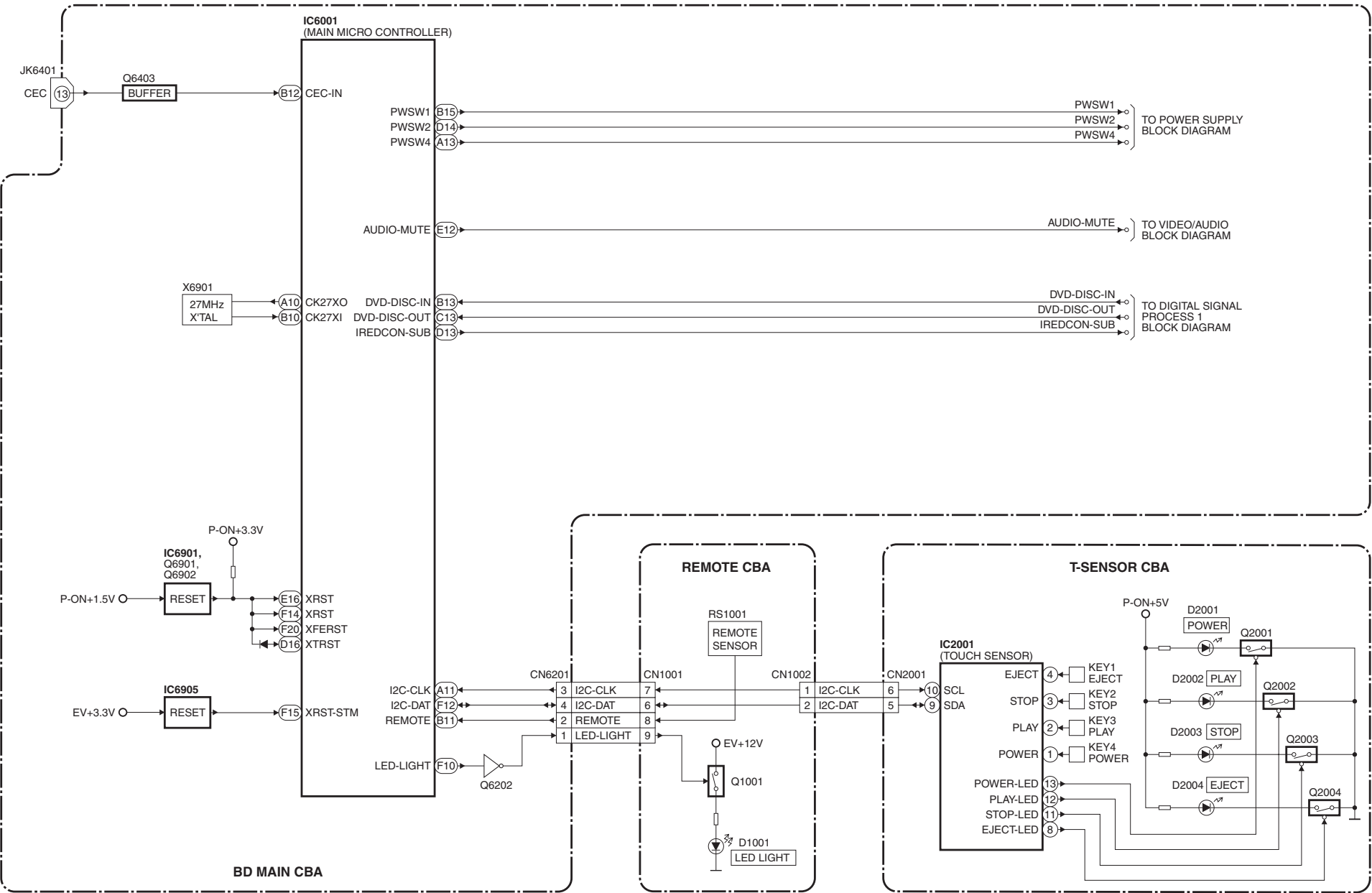


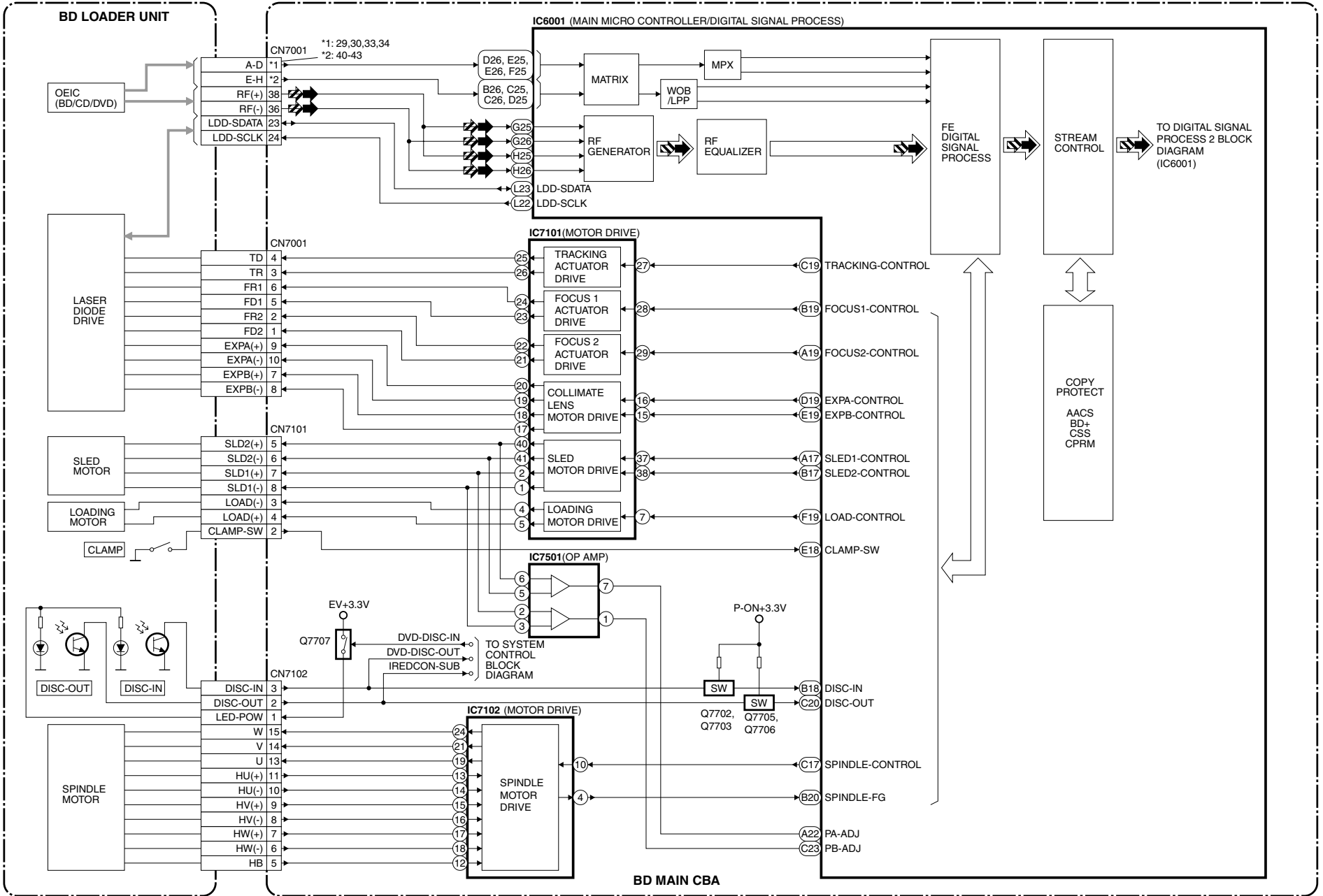
# BLOCK DIAGRAMS

## System Control Block Diagram

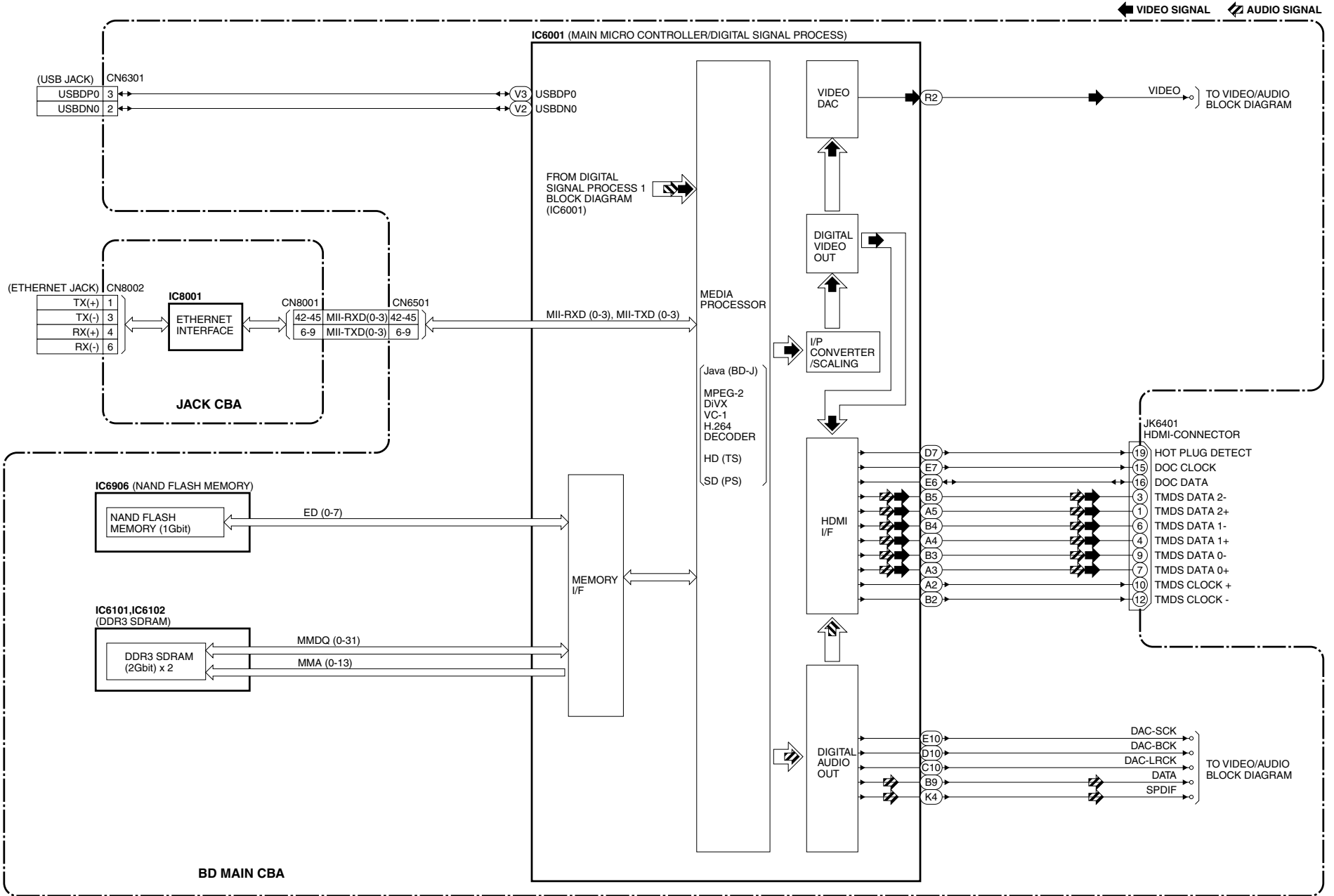


# Digital Signal Process 1 Block Diagram

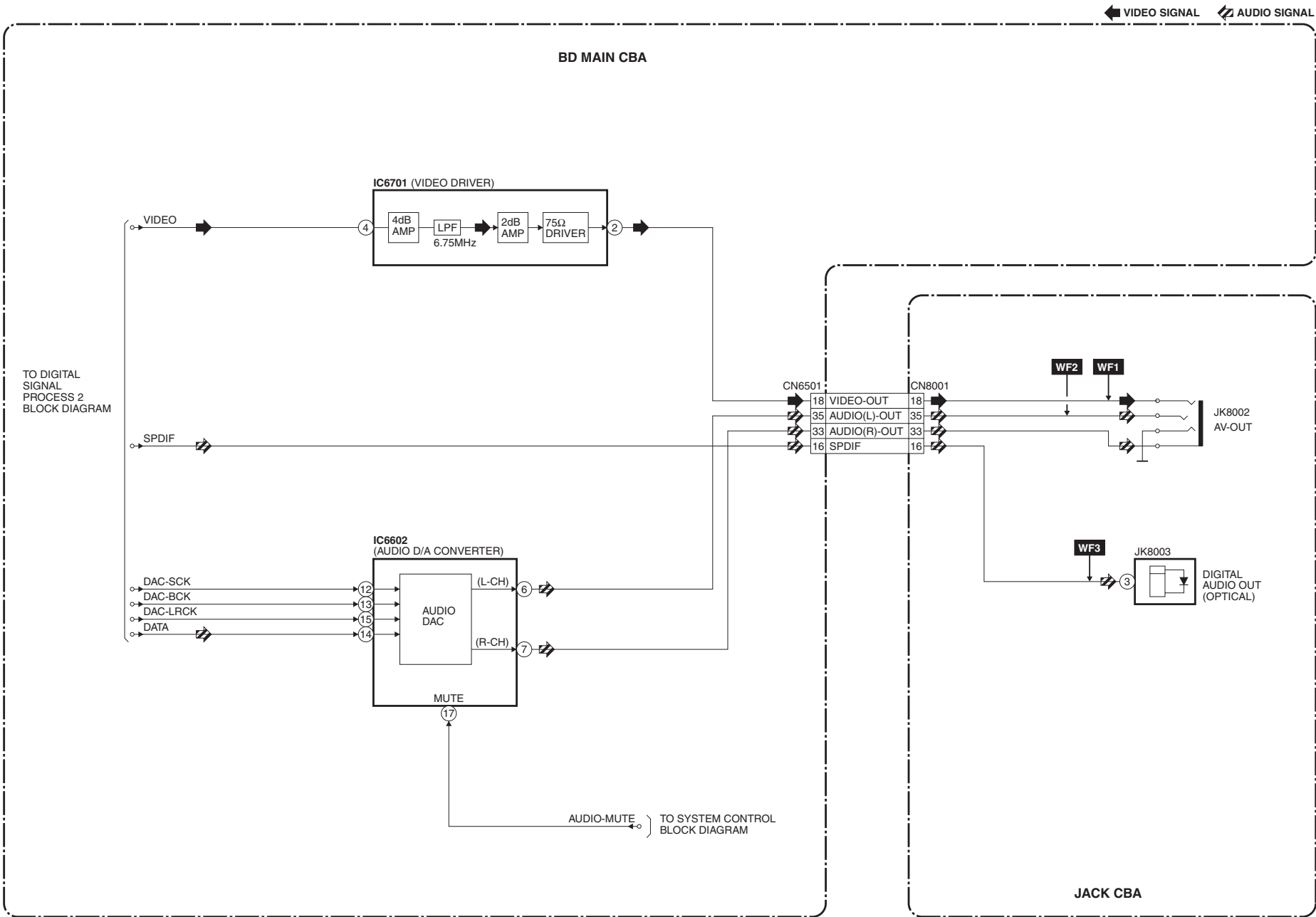
← VIDEO SIGNAL    ← AUDIO SIGNAL



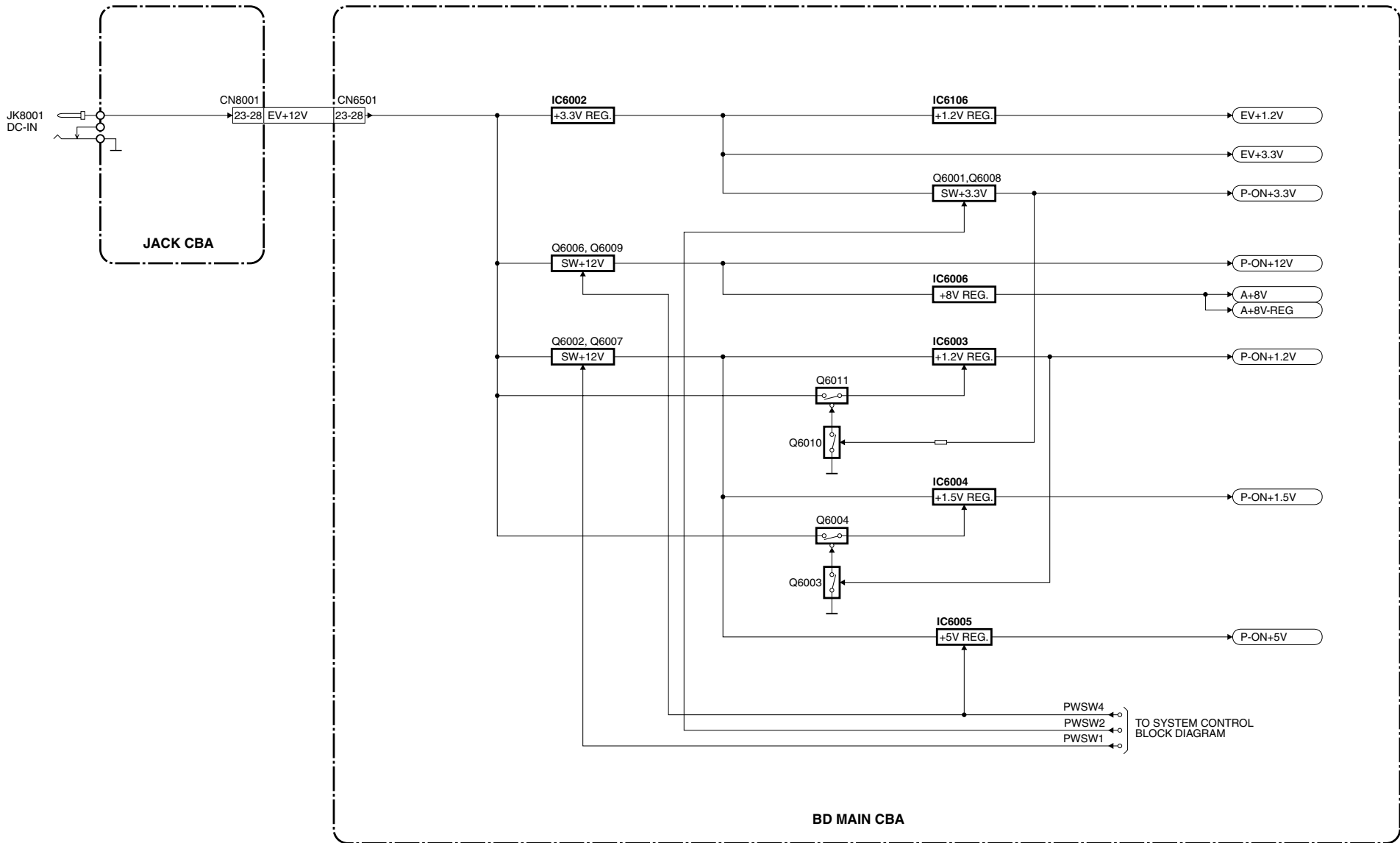
# Digital Signal Process 2 Block Diagram



# Video/Audio Block Diagram



# Power Supply Block Diagram



# SCHEMATIC DIAGRAMS / CBA AND TEST POINTS

## Standard Notes

### WARNING

Many electrical and mechanical parts in this chassis have special characteristics. These characteristics often pass unnoticed and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts that have these special safety characteristics are identified in this manual and its supplements; electrical components having such features are identified by the mark “⚠” in the schematic diagram and the parts list. Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts that do not have the same safety characteristics as specified in the parts list may create shock, fire, or other hazards.

### Notes:

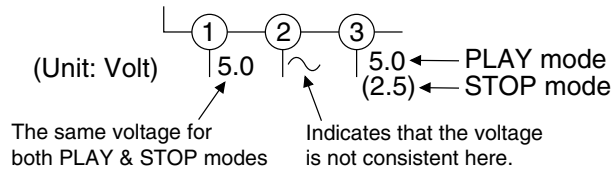
1. Do not use the part number shown on these drawings for ordering. The correct part number is shown in the parts list, and may be slightly different or amended since these drawings were prepared.
2. All resistance values are indicated in ohms ( $K = 10^3$ ,  $M = 10^6$ ).
3. Resistor wattages are 1/4W or 1/6W unless otherwise specified.
4. All capacitance values are indicated in  $\mu F$  ( $P = 10^{-6} \mu F$ ).
5. All voltages are DC voltages unless otherwise specified.
6. Electrical parts such as capacitors, connectors, diodes, IC's, transistors, resistors, switches, and fuses are identified by four digits. The first two digits are not shown for each component. In each block of the diagram, there is a note such as shown below to indicate these abbreviated two digits.

## LIST OF CAUTION, NOTES, AND SYMBOLS USED IN THE SCHEMATIC DIAGRAMS ON THE FOLLOWING PAGES:

### 1. Note:

1. Do not use the part number shown on the drawings for ordering. The correct part number is shown in the parts list, and may be slightly different or amended since the drawings were prepared.
2. To maintain original function and reliability of repaired units, use only original replacement parts which are listed with their part numbers in the parts list section of the service manual.

### 2. Voltage indications for PLAY and STOP mode on the schematics are as shown below:



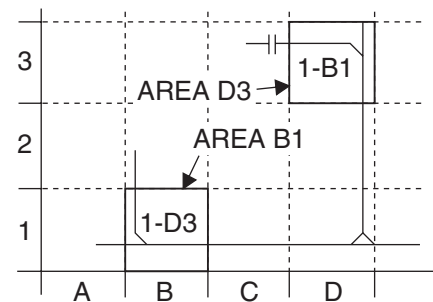
### 3. How to read converged lines

1-D3

↑ Distinction Area  
↑ Line Number  
(1 to 3 digits)

Examples:

1. "1-D3" means that line number "1" goes to the line number "1" of the area "D3".
2. "1-B1" means that line number "1" goes to the line number "1" of the area "B1".

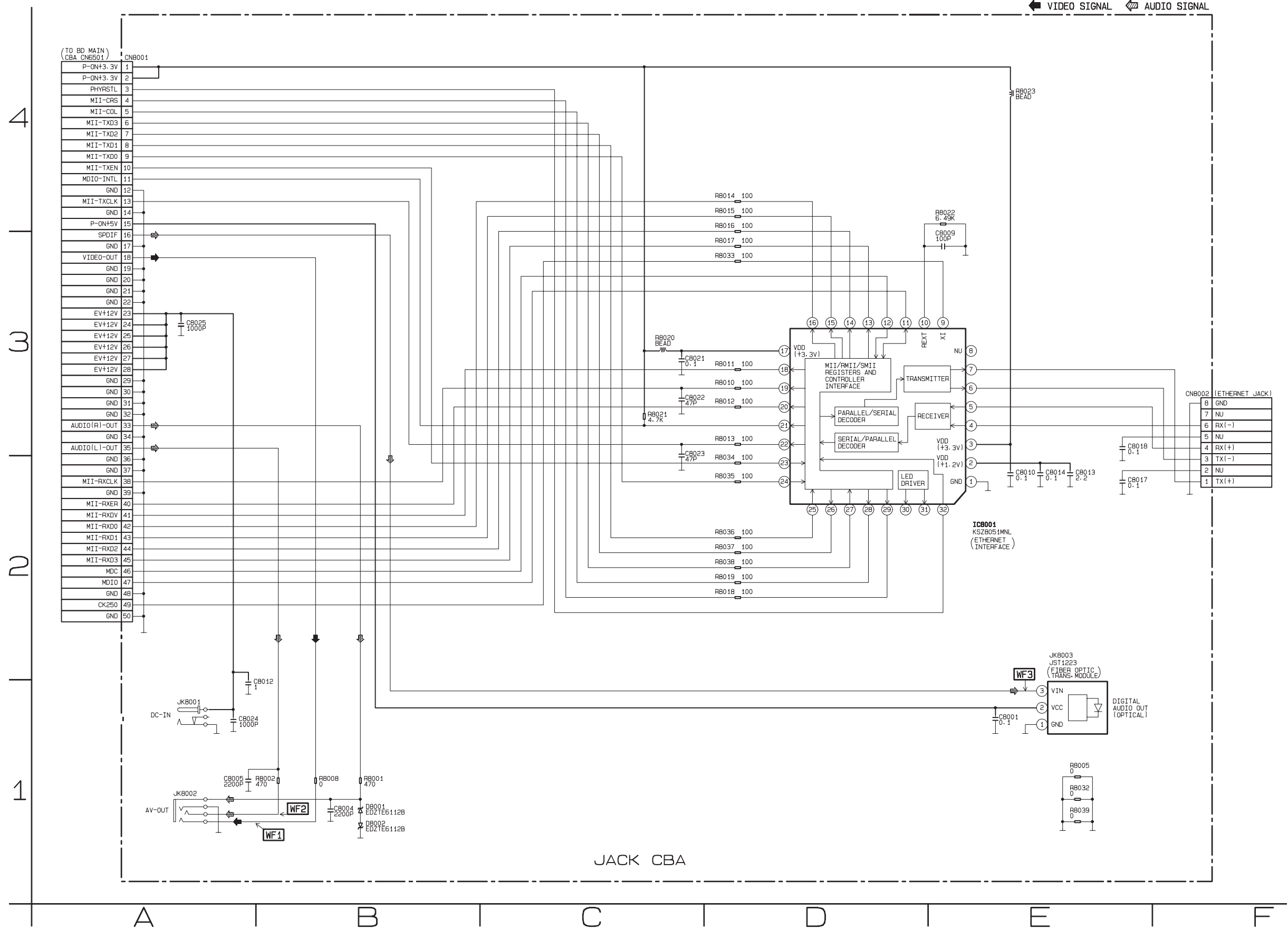


### 4. Test Point Information

- ⊕ : Indicates a test point with a jumper wire across a hole in the PCB.
- : Used to indicate a test point with a component lead on foil side.
- ⊘ : Used to indicate a test point with no test pin.
- : Used to indicate a test point with a test pin.

The reference number of parts on Schematic Diagrams/CBA can be retrieved by application search function.

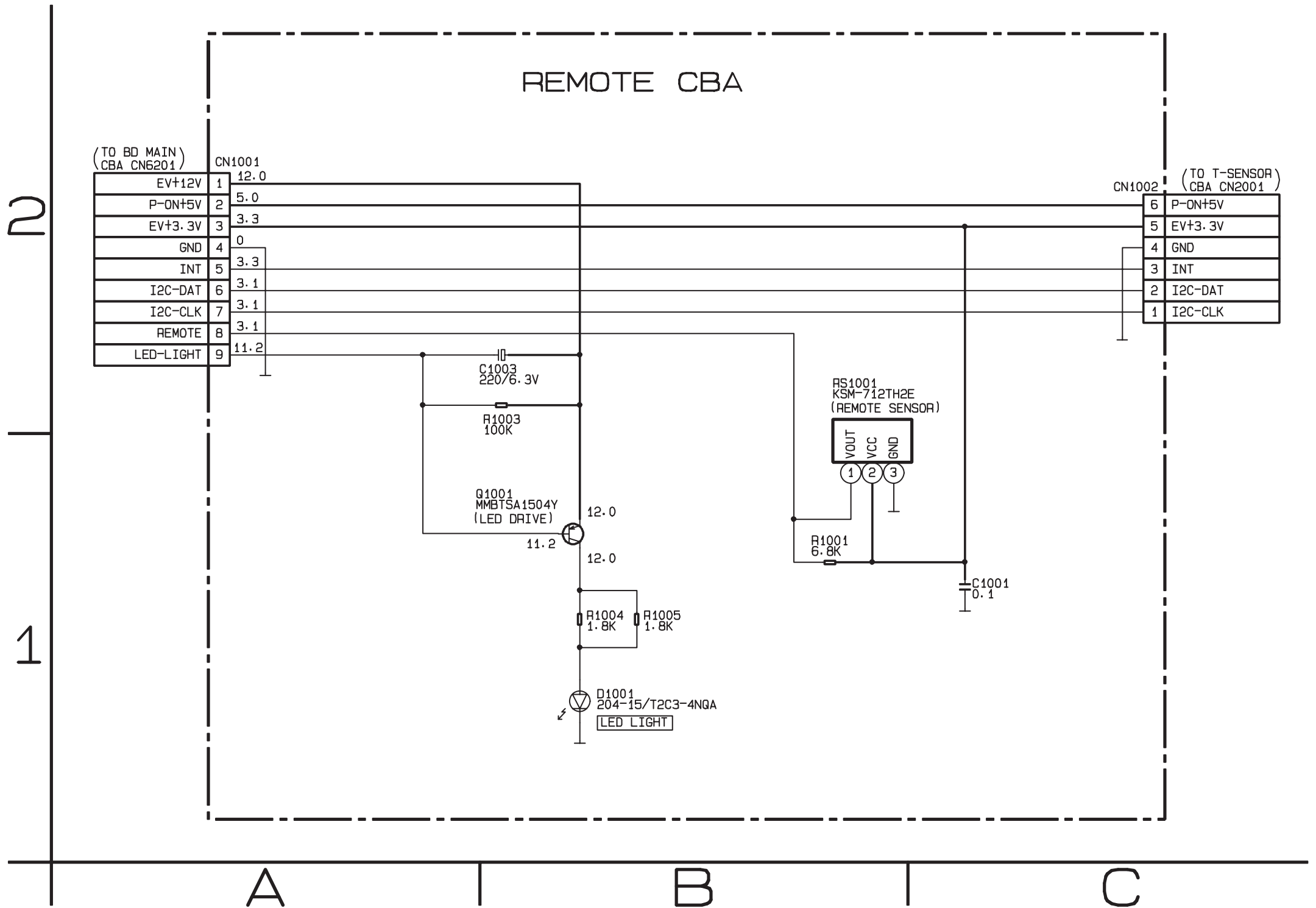
# Jack Schematic Diagram



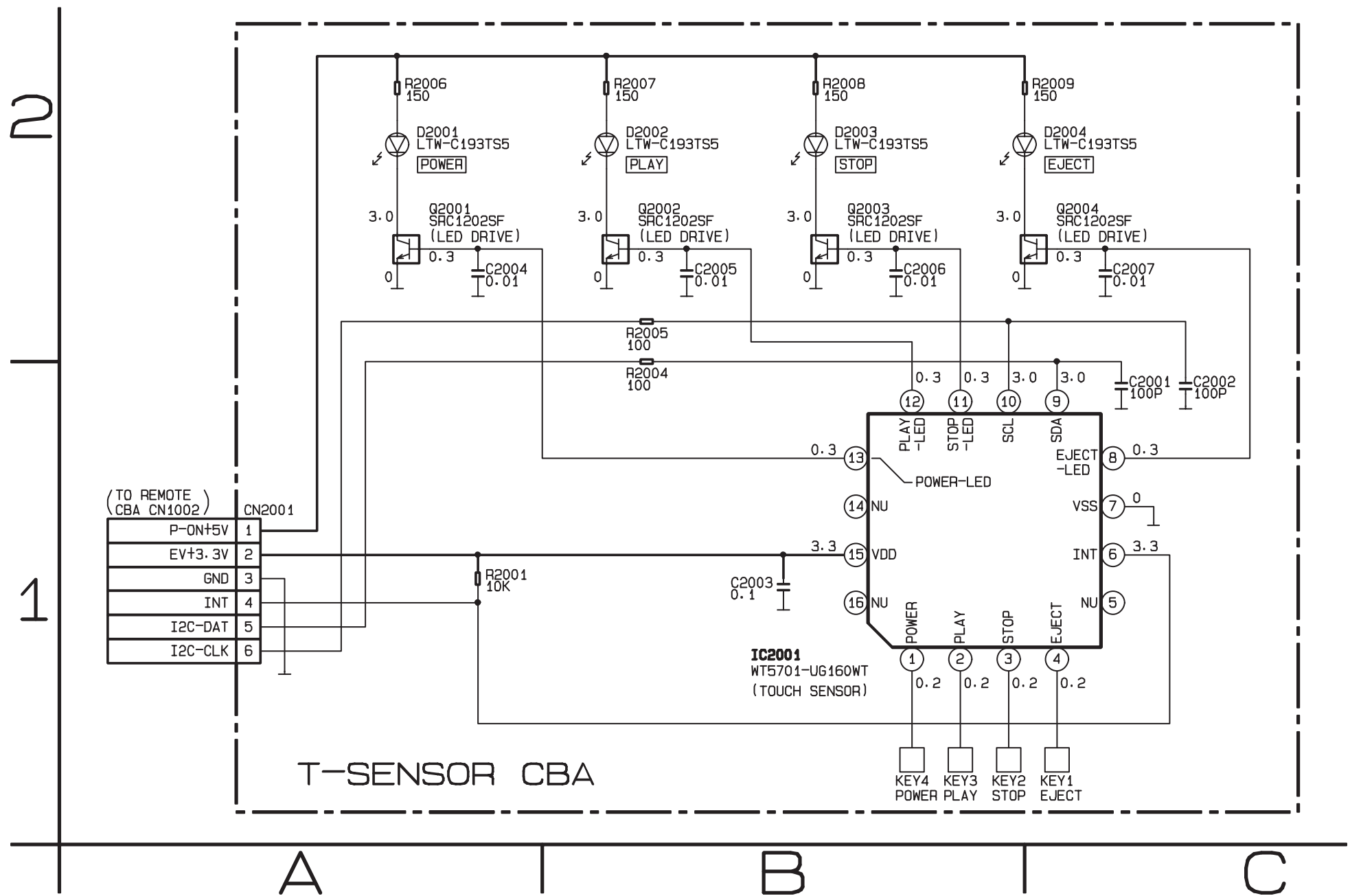
JACK CBA



# Remote Schematic Diagram



# T-Sensor Schematic Diagram

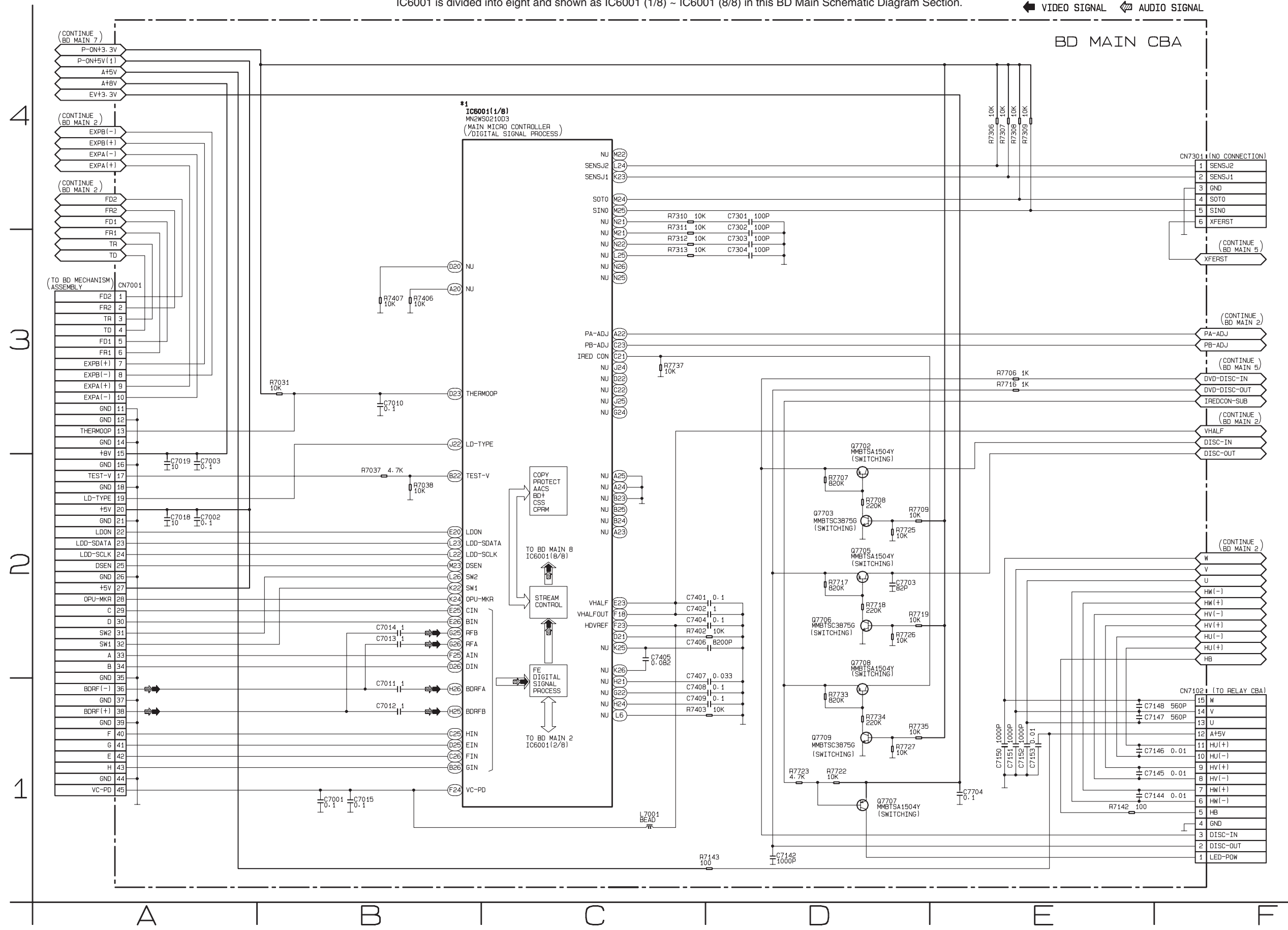


# BD Main 1 Schematic Diagram

\*1 NOTE:

The order of pins shown in this diagram is different from that of actual IC6001.  
 IC6001 is divided into eight and shown as IC6001 (1/8) ~ IC6001 (8/8) in this BD Main Schematic Diagram Section.

◀ VIDEO SIGNAL    ⚡ AUDIO SIGNAL

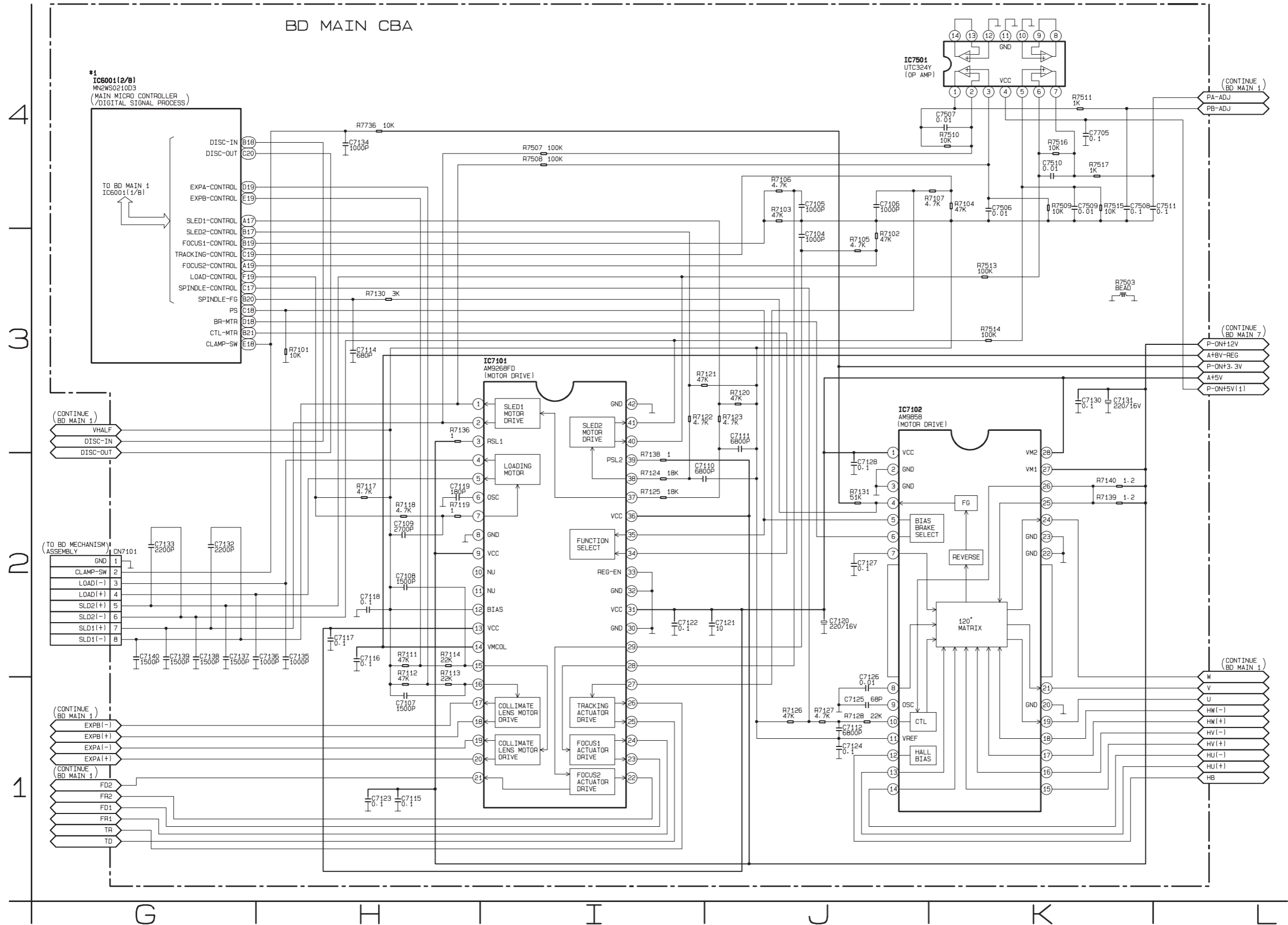


# BD Main 2 Schematic Diagram

\*1 NOTE:

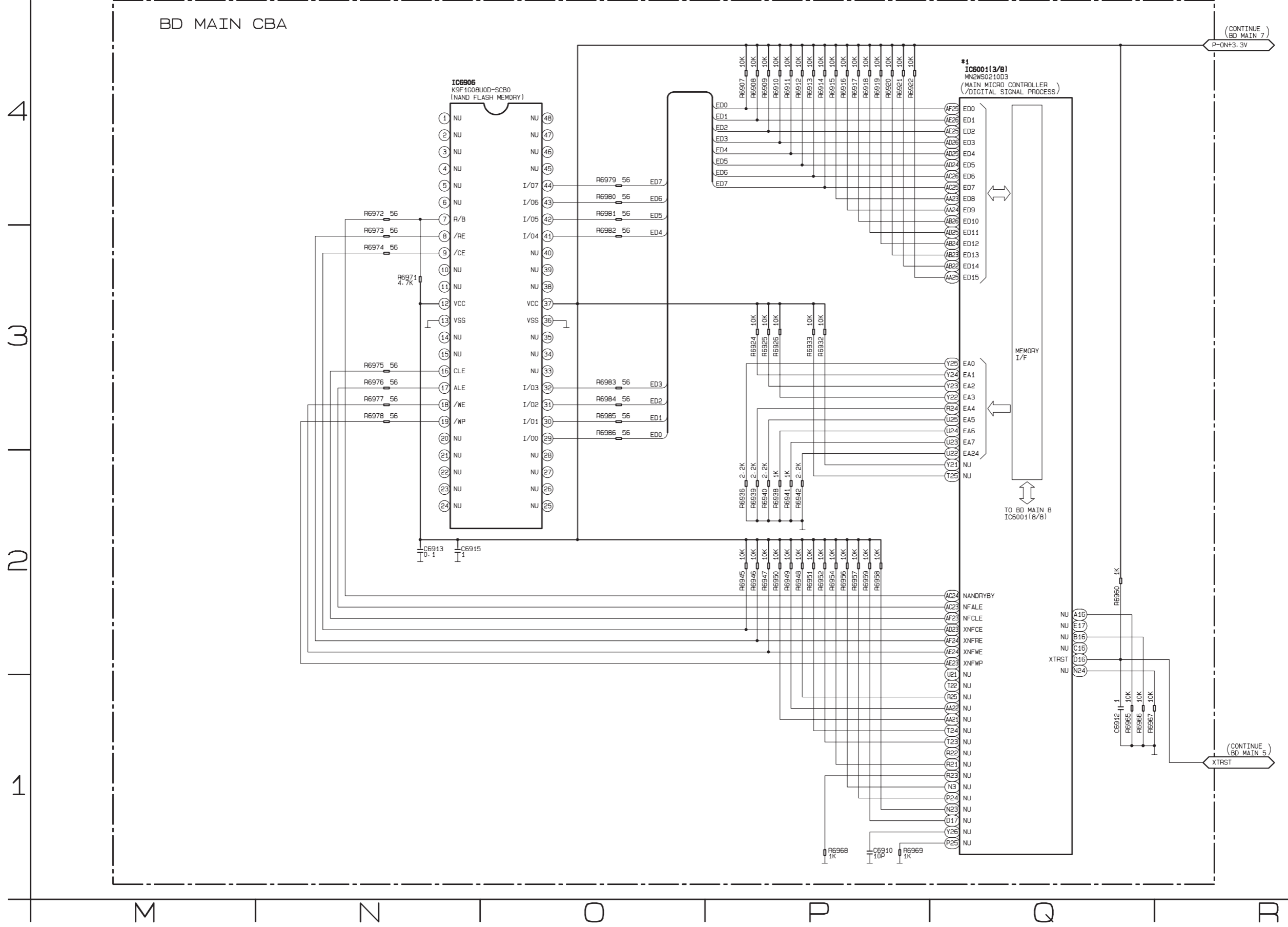
The order of pins shown in this diagram is different from that of actual IC6001.

IC6001 is divided into eight and shown as IC6001 (1/8) ~ IC6001 (8/8) in this BD Main Schematic Diagram Section.



# BD Main 3 Schematic Diagram

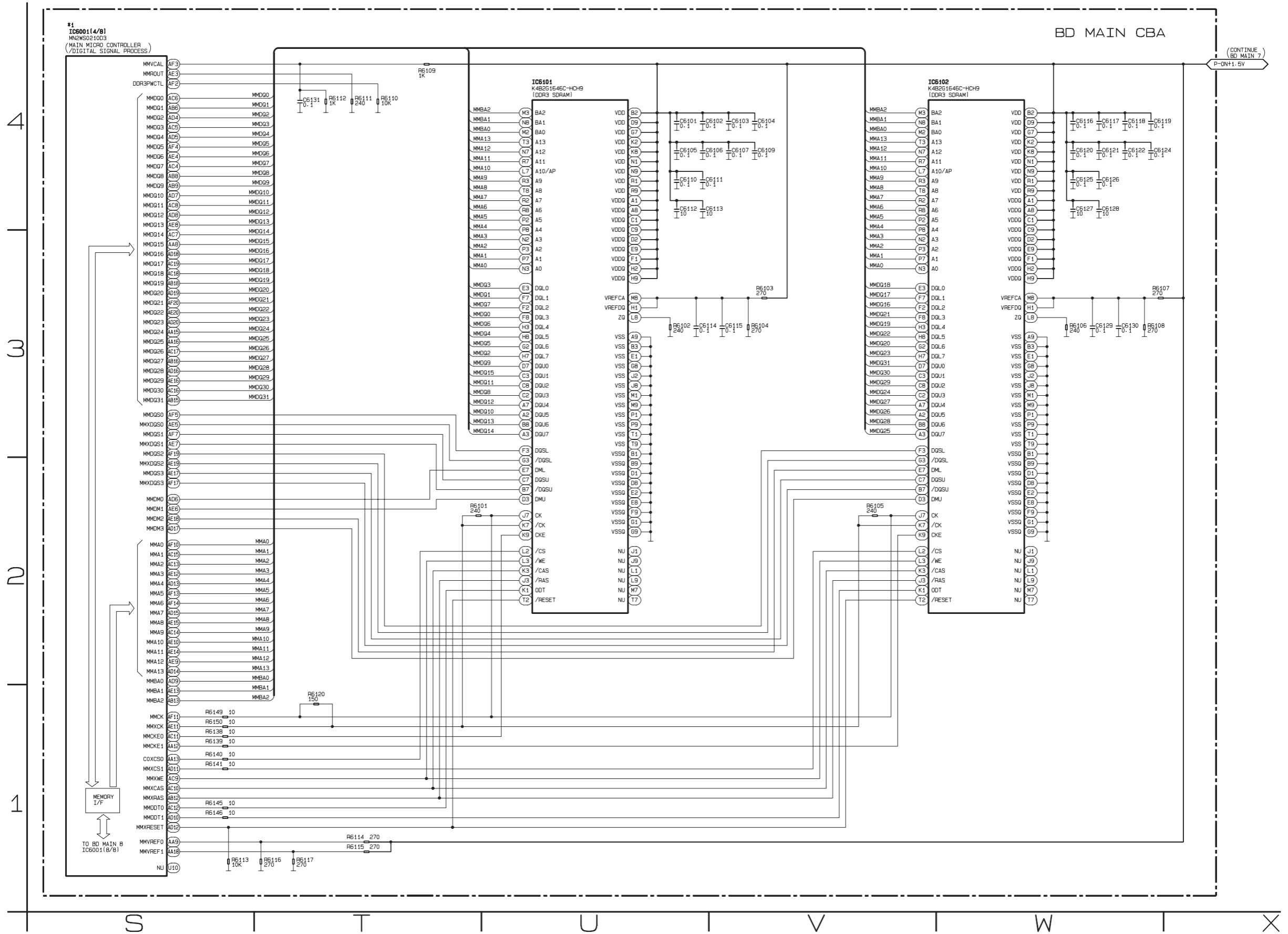
**\*1 NOTE:**  
 The order of pins shown in this diagram is different from that of actual IC6001.  
 IC6001 is divided into eight and shown as IC6001 (1/8) ~ IC6001 (8/8) in this BD Main Schematic Diagram Section.



# BD Main 4 Schematic Diagram

**\*1 NOTE:**

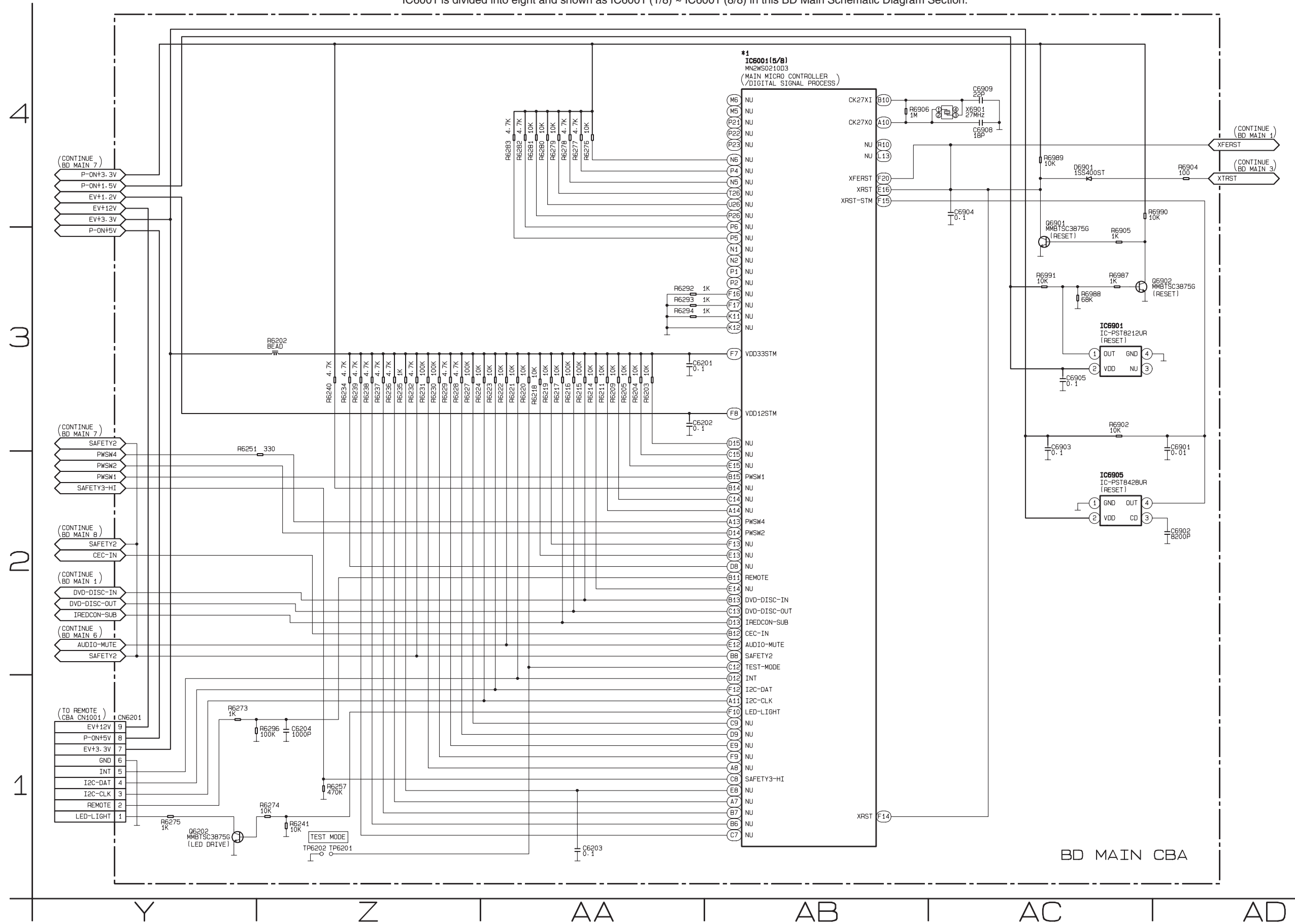
The order of pins shown in this diagram is different from that of actual IC6001.  
 IC6001 is divided into eight and shown as IC6001 (1/8) ~ IC6001 (8/8) in this BD Main Schematic Diagram Section.



# BD Main 5 Schematic Diagram

\*1 NOTE:

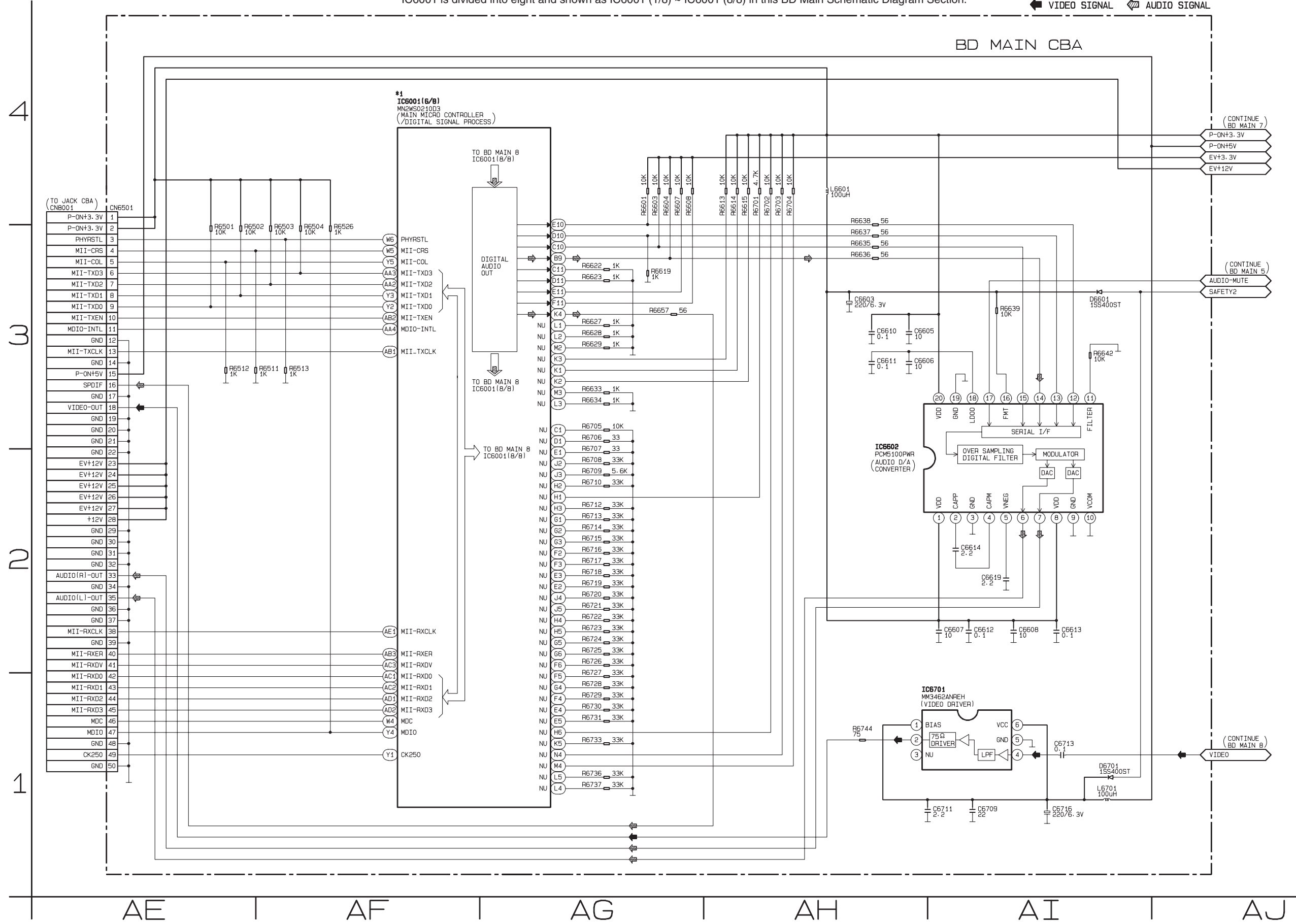
The order of pins shown in this diagram is different from that of actual IC6001.  
 IC6001 is divided into eight and shown as IC6001 (1/8) ~ IC6001 (8/8) in this BD Main Schematic Diagram Section.



# BD Main 6 Schematic Diagram

**\*1 NOTE:**  
 The order of pins shown in this diagram is different from that of actual IC6001.  
 IC6001 is divided into eight and shown as IC6001 (1/8) ~ IC6001 (8/8) in this BD Main Schematic Diagram Section.

◀ VIDEO SIGNAL    🔊 AUDIO SIGNAL

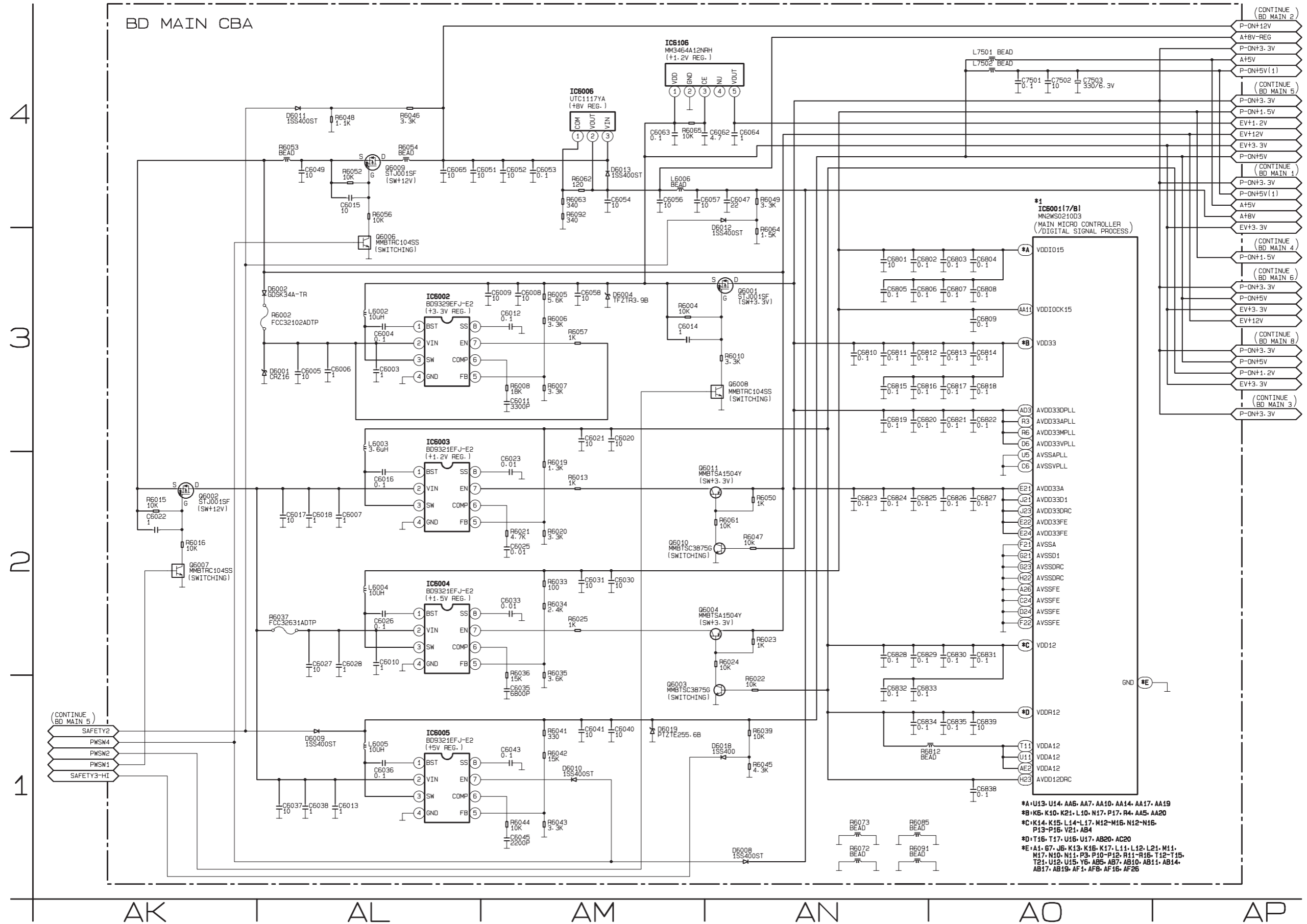




# BD Main 7 Schematic Diagram

\*1 NOTE:

The order of pins shown in this diagram is different from that of actual IC6001.  
IC6001 is divided into eight and shown as IC6001 (1/8) ~ IC6001 (8/8) in this BD Main Schematic Diagram Section.

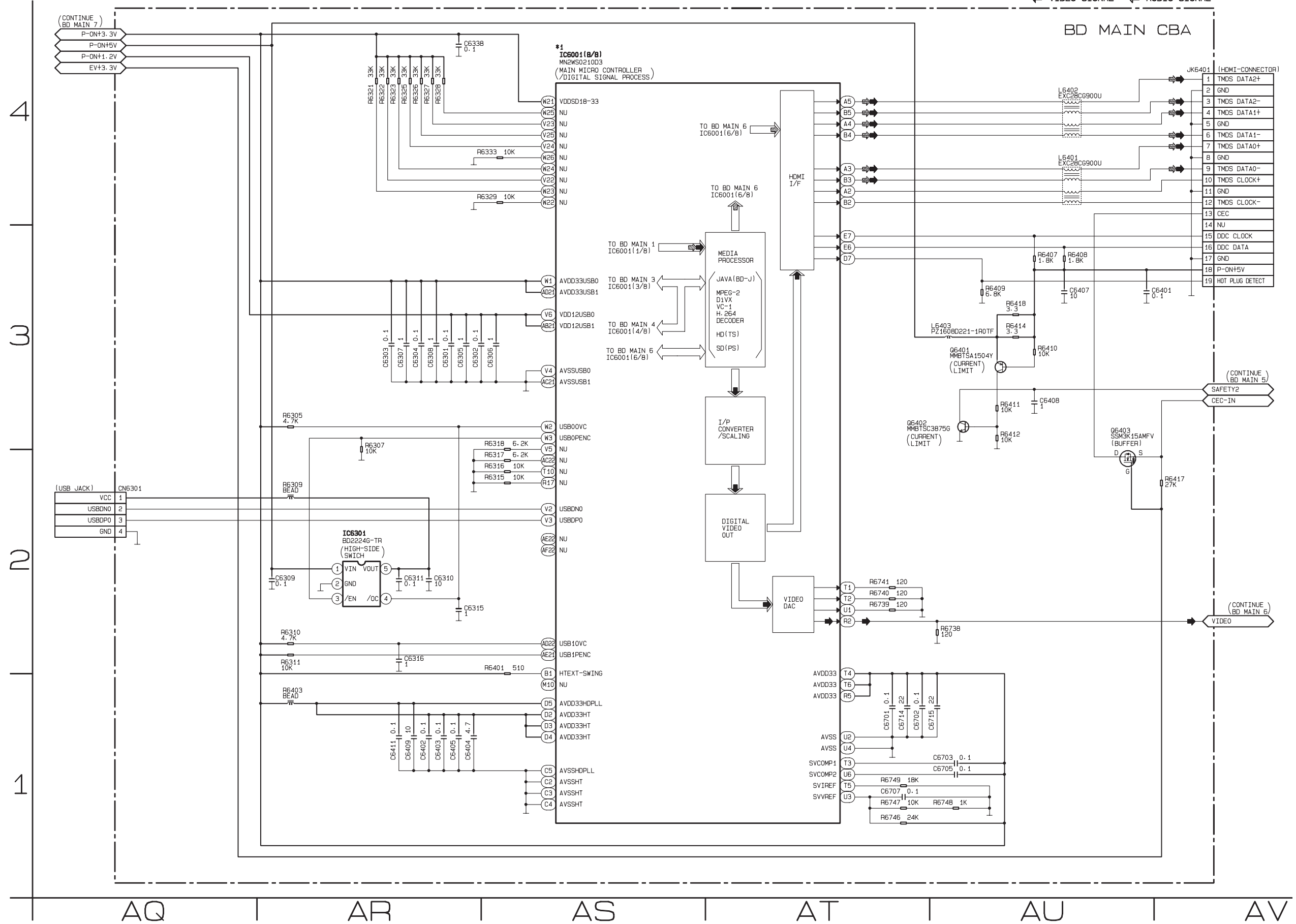


# BD Main 8 Schematic Diagram

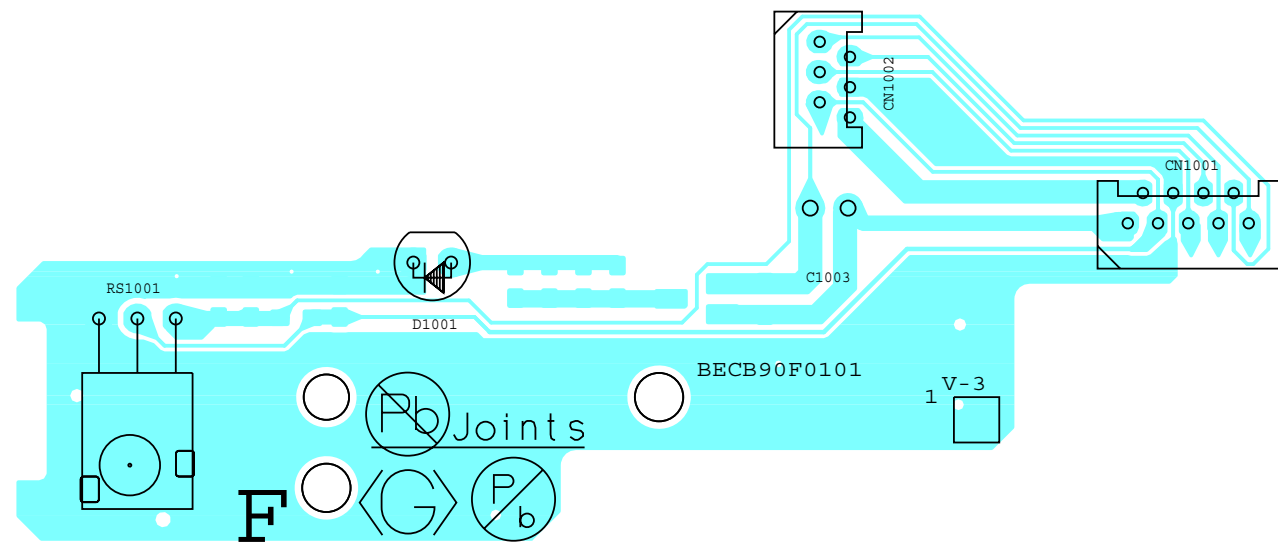
\*1 NOTE:

The order of pins shown in this diagram is different from that of actual IC6001.  
 IC6001 is divided into eight and shown as IC6001 (1/8) ~ IC6001 (8/8) in this BD Main Schematic Diagram Section.

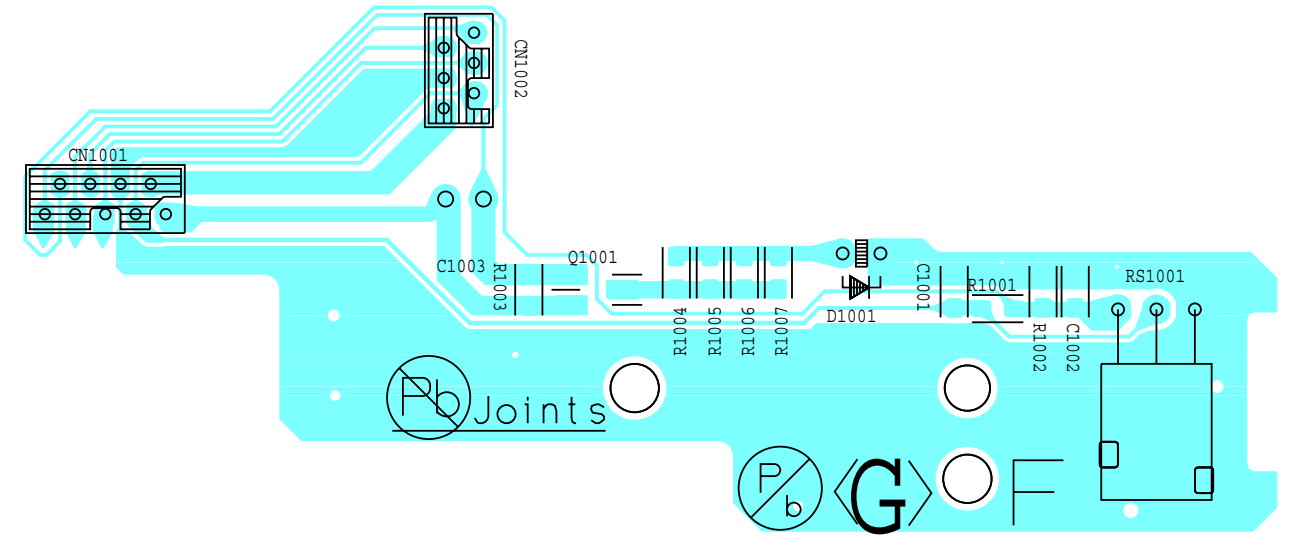
◀ VIDEO SIGNAL    🔊 AUDIO SIGNAL



Remote CBA Top View

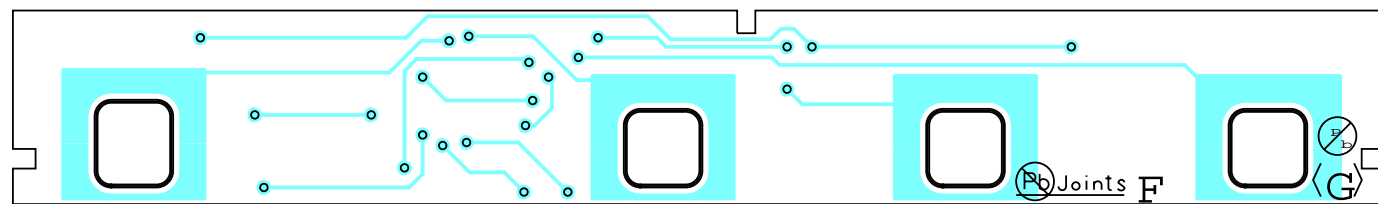


Remote CBA Bottom View

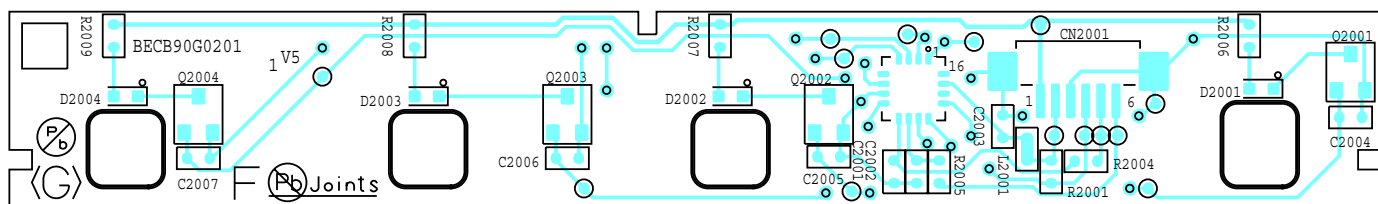


BECB90F0101

T-Sensor CBA Top View



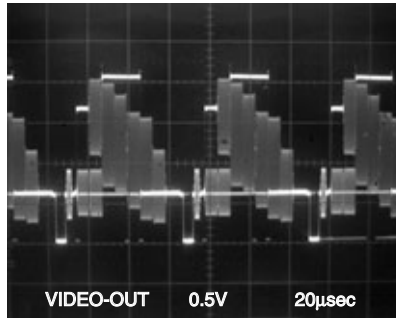
T-Sensor CBA Bottom View



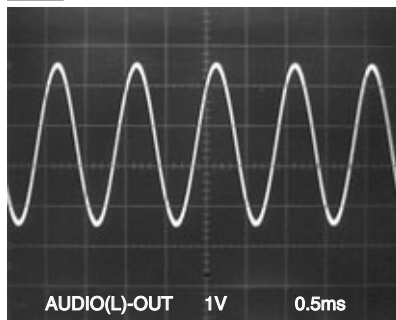
BECB90G0201

# WAVEFORMS

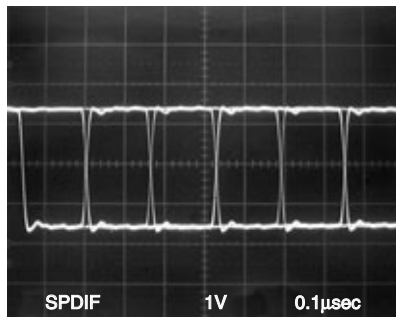
**WF1** JK8002 (VIDEO OUT)



**WF2** JK8002 (AUDIO(L) OUT)



**WF3** JK8003(DIGITAL AUDIO OUT)



**NOTE:**

Input: COLOR BAR SIGNAL  
(WITH 1KHz AUDIO SIGNAL)

# WIRING DIAGRAM

