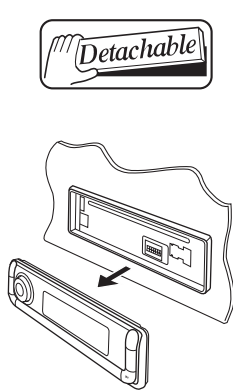


# JVC

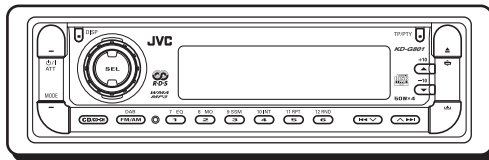
## SERVICE MANUAL

### CD RECEIVER

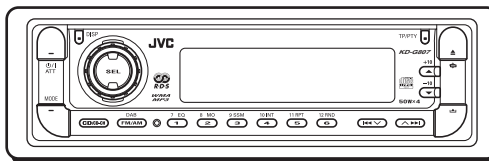
## KD-G801, KD-G807



**KD-G801**



**KD-G807**



<b>KD-G801</b>
Area suffix
E ----- Continental Europe
EX ----- Central Europe

<b>KD-G807</b>
Area suffix
EE ----- Russian Federation

**WMA  
MP3**

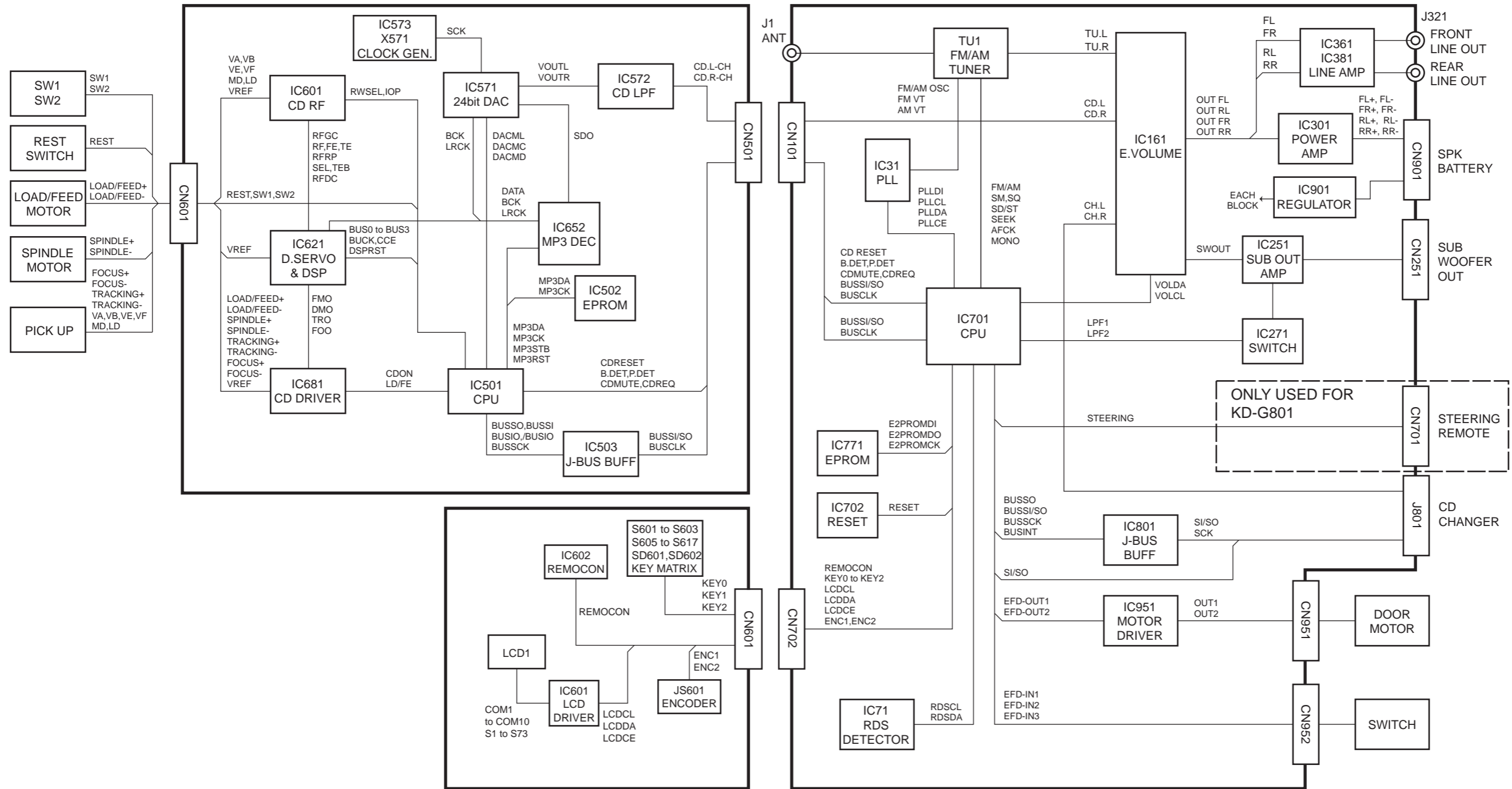


	KD-G801 EE/EX	KD-G807 E
STEERING CABLE	○	×

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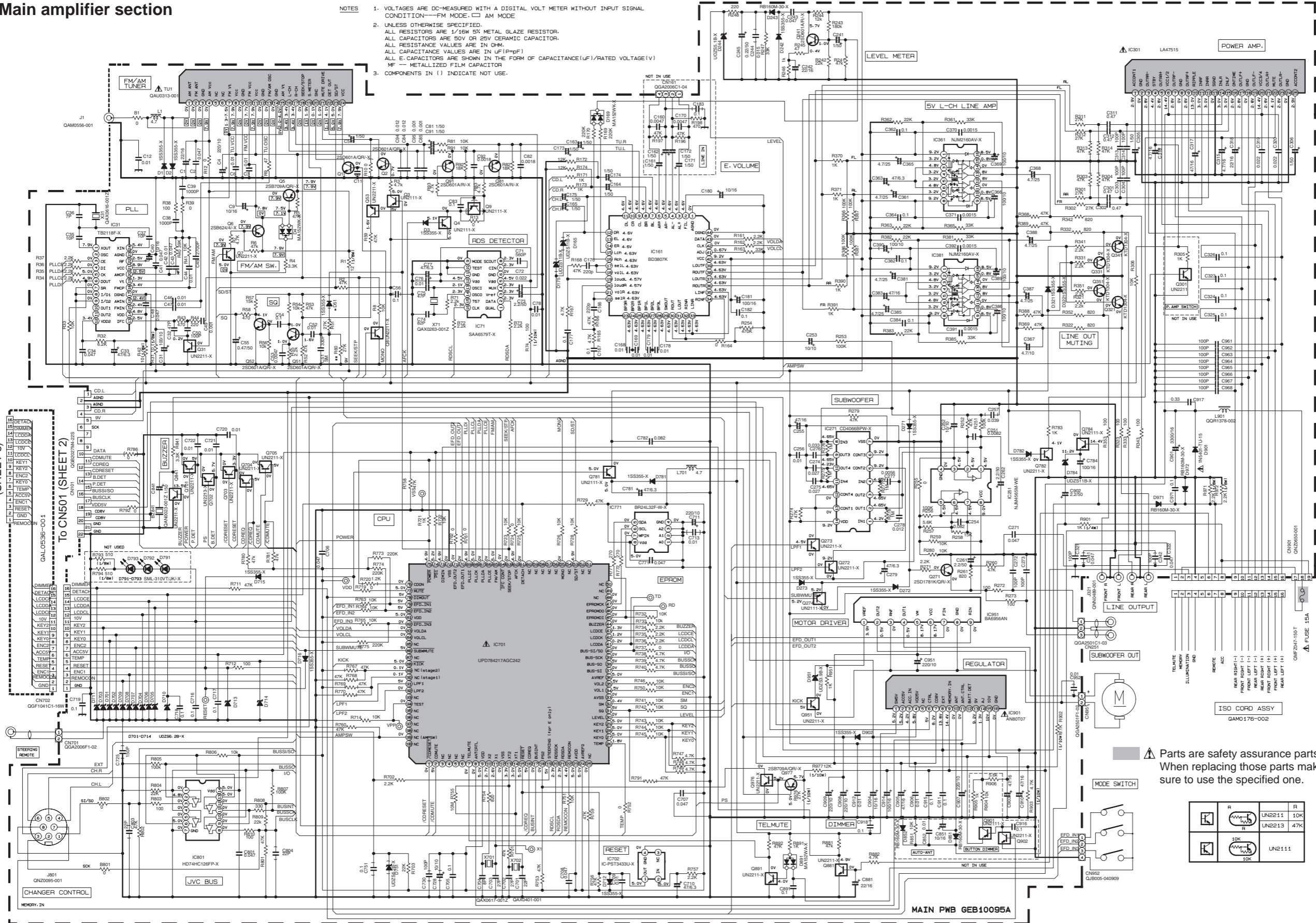
# Block diagram



# Standard schematic diagrams (For KD-G801 E, EX version)

## Main amplifier section

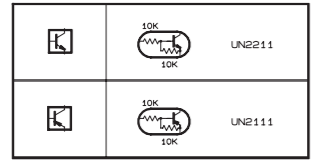
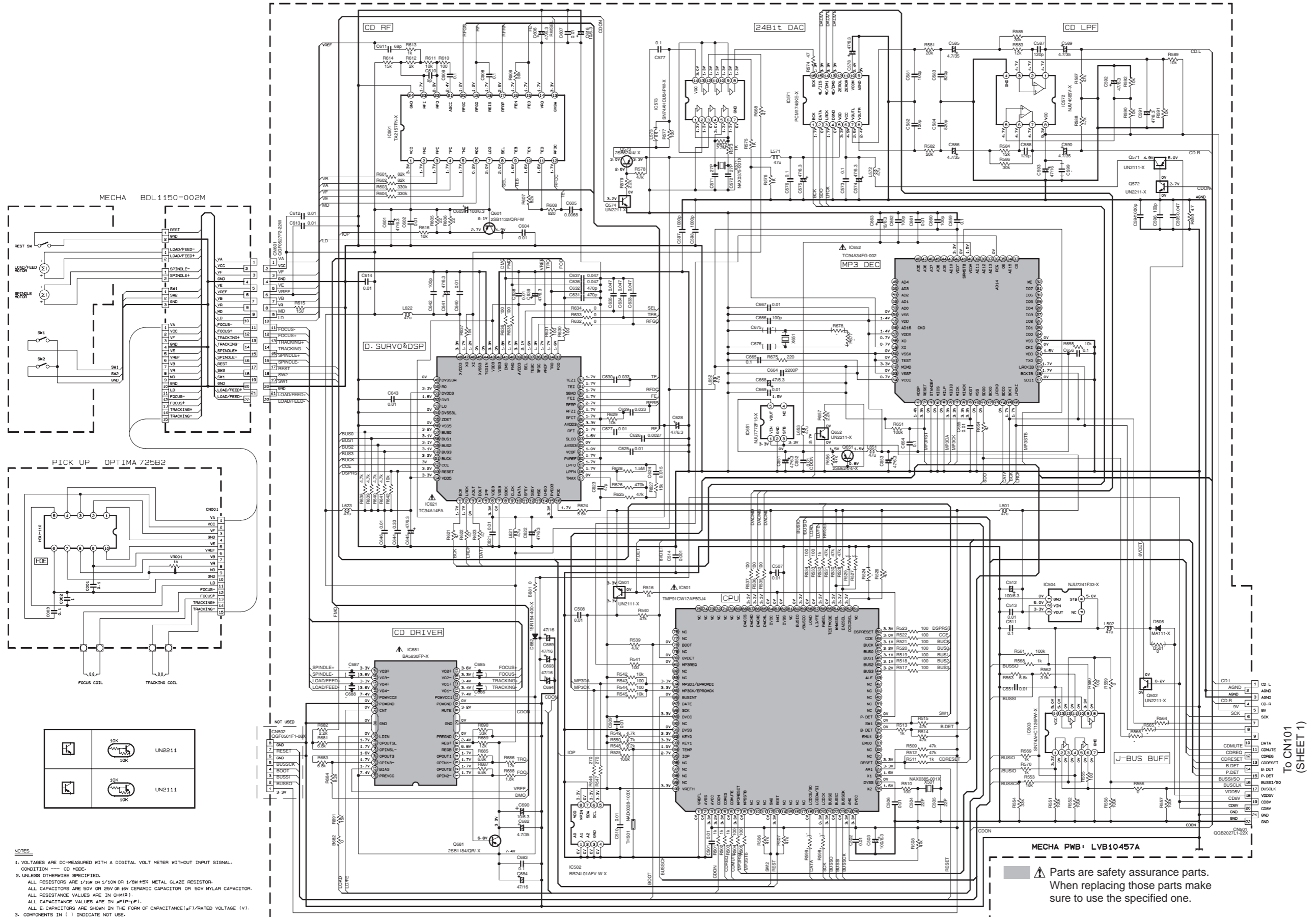
- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION—FM MODE. □ AM MODE
  2. UNLESS OTHERWISE SPECIFIED, ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR. ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR. ALL RESISTANCE VALUES ARE IN OHM. ALL CAPACITANCE VALUES ARE IN UF (P/PF) ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(UF/RATED VOLTAGE(V)) MF — METALLIZED FILM CAPACITOR
  3. COMPONENTS IN ( ) INDICATE NOT USE.



Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

	UN2211	10K
	UN2213	47K
	UN2111	

CD servo control section



**NOTES**

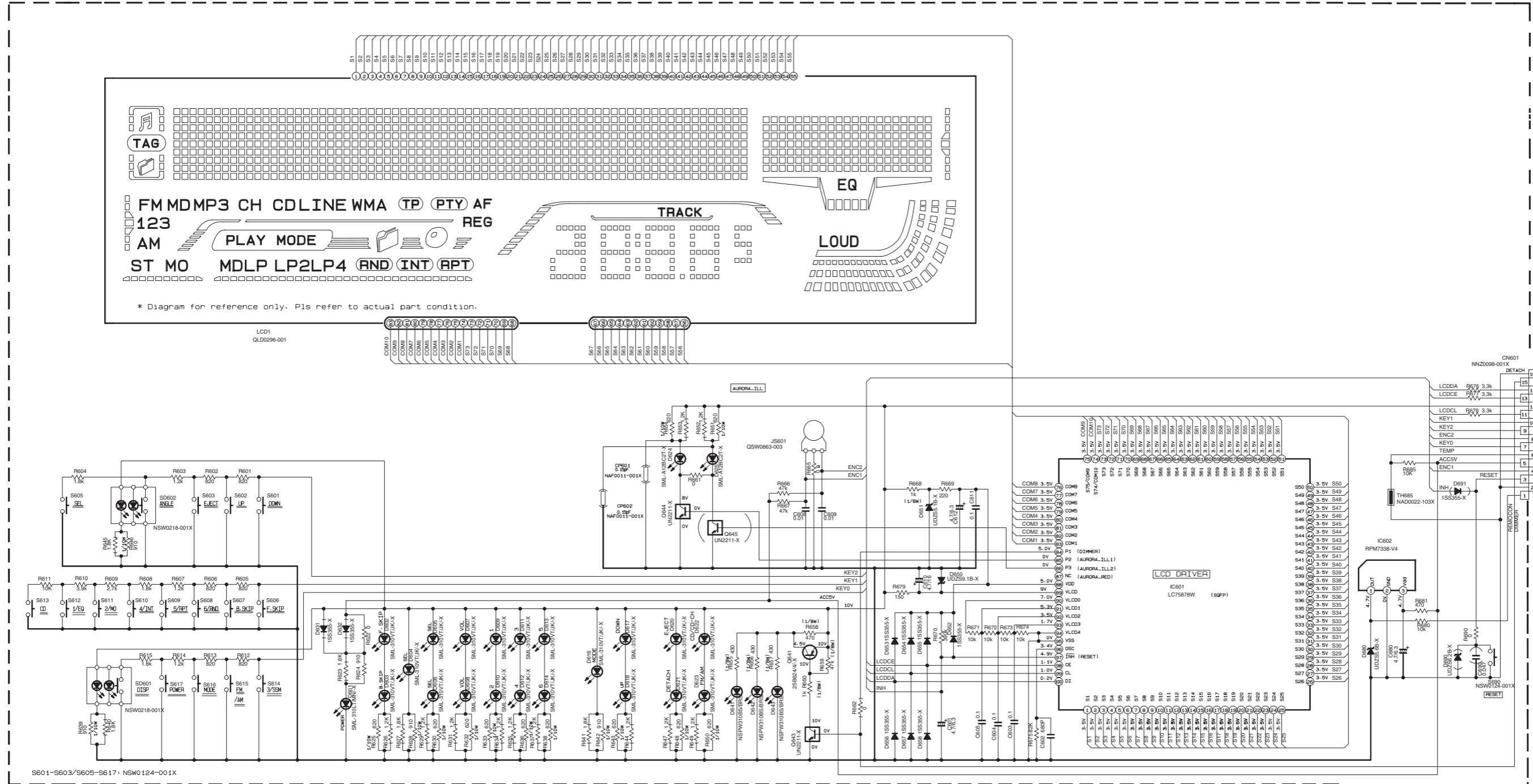
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL. CONDITION — CD MODE.
- UNLESS OTHERWISE SPECIFIED.
- ALL RESISTORS ARE 1/16W OR 1/10W OR 1/8W ±5% METAL GLAZE RESISTOR. ALL CAPACITORS ARE 50V OR 25V OR 16V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR. ALL RESISTANCE VALUES ARE IN OHM(Ω).
- ALL CAPACITANCE VALUES ARE IN pF(pF).
- ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
- COMPONENTS IN ( ) INDICATE NOT USE.

**MECHA PWB: LVB10457A**

⚠ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

To CN101 (SHEET 1)

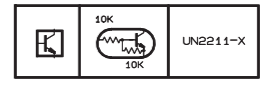
■ LCD & Key control section



S601~S603/S605~S617: NSW0124-001X

#NOTE  
 SML-310LT/MN/-X --- RED LED (POWER)  
 SML-310VT/JK/-X --- RED LED (OTHERS)  
 NSPW310BS/BRS/ --- WHITE LED  
 R616~R619: 1/10W ±5% METAL GLAZE RESISTORS  
 R623~R654: 1/10W ±5% METAL GLAZE RESISTORS

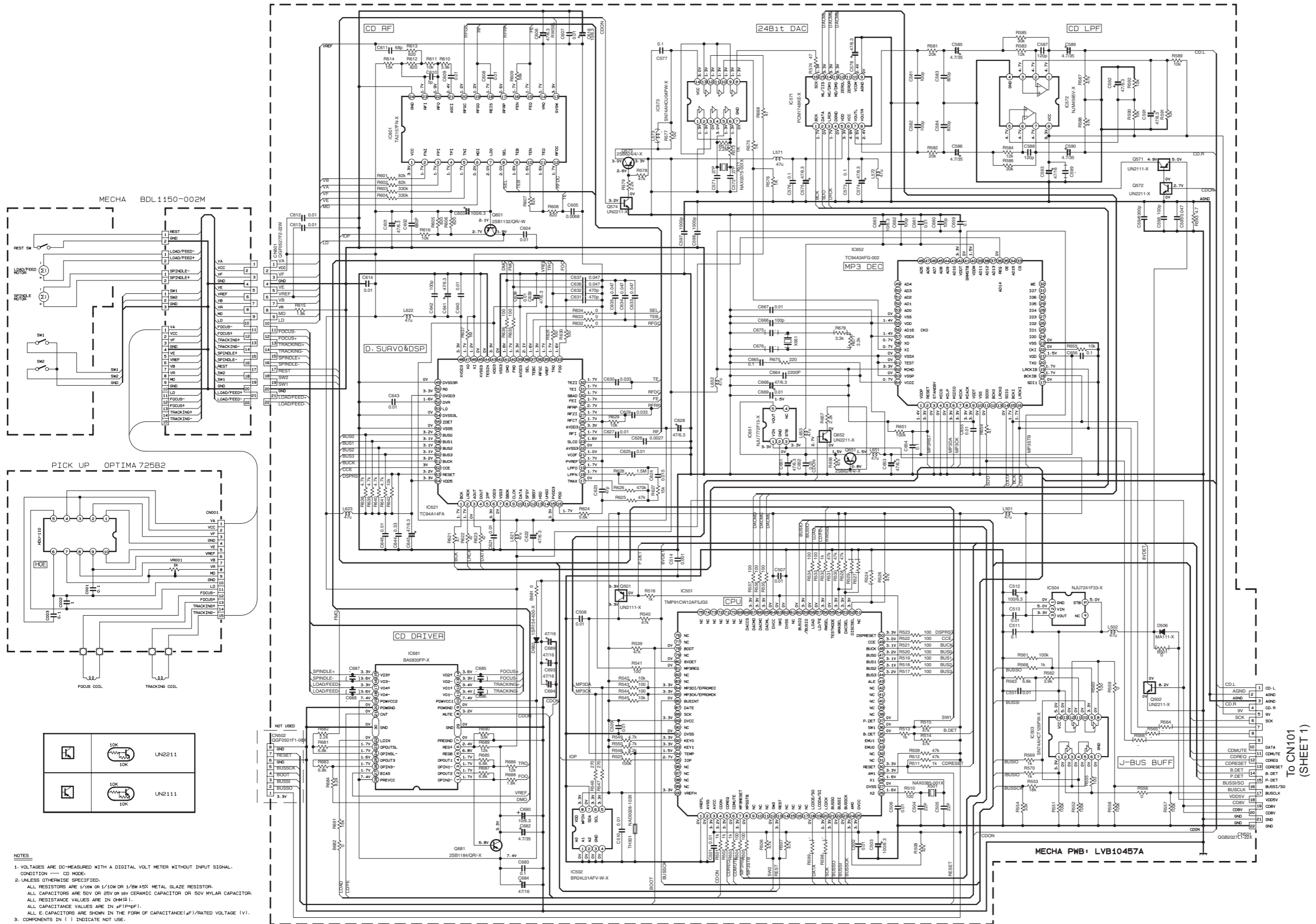
NOTES  
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION---CD MODE.  
 2. UNLESS OTHERWISE SPECIFIED:  
 ALL RESISTORS ARE 1/16W ±5% METAL GLAZE RESISTOR.  
 ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR.  
 ALL RESISTANCE VALUES ARE IN OHM.  
 ALL CAPACITANCE VALUES ARE IN uF(p=pF).  
 ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V)  
 3. COMPONENTS IN ( ) OR [ ] ARE NOT USED.



SW PWB GEB10102A (AgTh/Double reflow)

To CNT02 (SHEET 1)

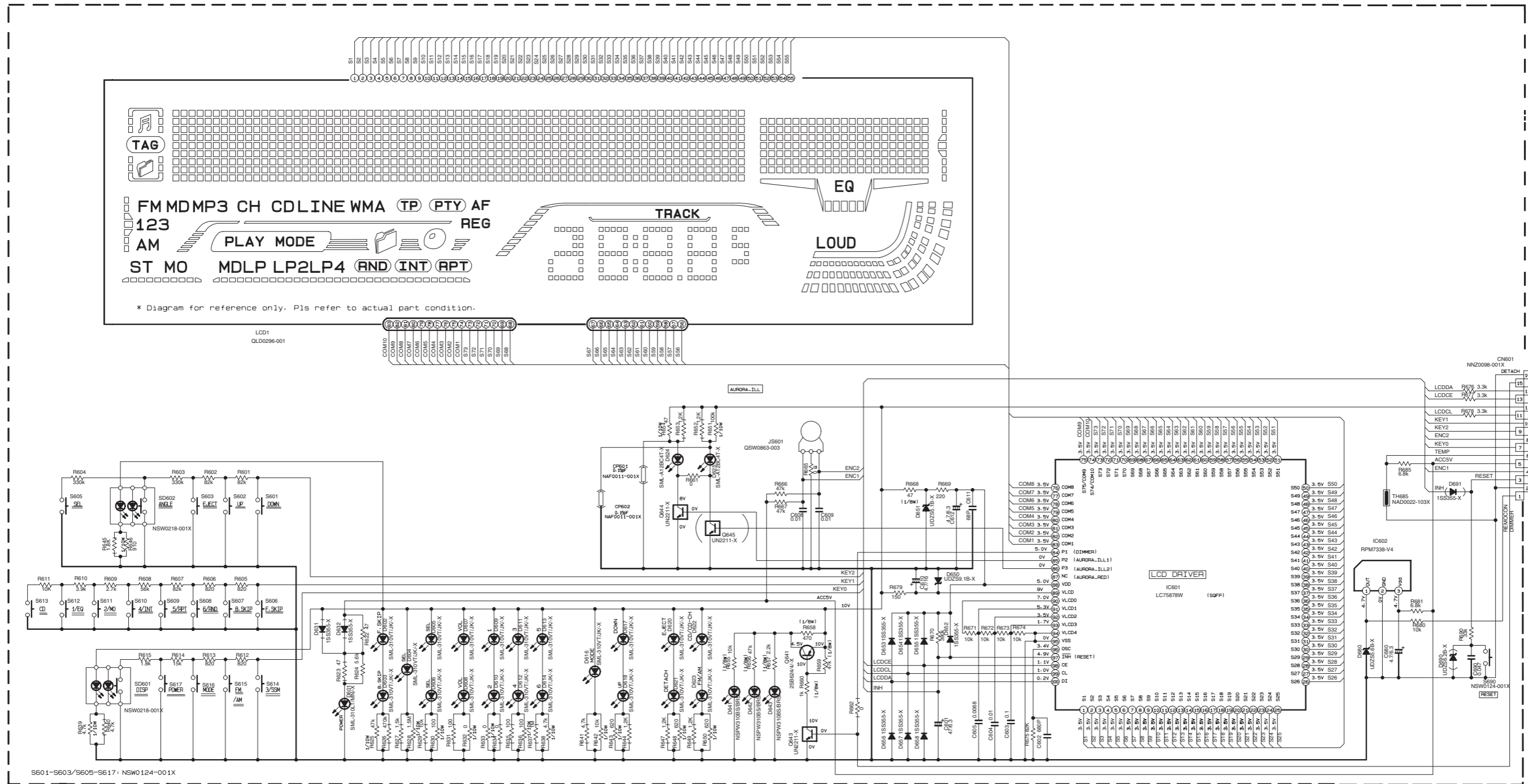
CD servo control section



NOTES  
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.  
 CONDITION — CD MODE.  
 2. UNLESS OTHERWISE SPECIFIED.  
 ALL RESISTORS ARE 1/16W OR 1/10W OR 1/8W 15% METAL GLAZE RESISTOR.  
 ALL CAPACITORS ARE 50V OR 25V OR 16V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.  
 ALL RESISTANCE VALUES ARE IN OHMS (Ω).  
 ALL CAPACITANCE VALUES ARE IN pF (pF).  
 ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (pF)/RATED VOLTAGE (V).  
 3. COMPONENTS IN ( ) INDICATE NOT USE.

To CN101  
(SHEET 1)

■ LCD & Key control section



S601~S603/S605~S617: NSW0124-001X

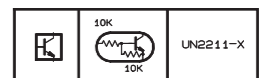
SW PWB 6EB10102A (AgTh/Double reflow)

#NOTE

- SML-310LT/MN/-X --- RED LED (POWER)
- SML-310VT/-X --- RED LED (OTHERS)
- NSPW310BS/BS/ --- WHITE LED
- R616~R619: 1/10W ±5% METAL GLAZE RESISTORS
- R623~R654: 1/10W ±5% METAL GLAZE RESISTORS

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION---CD MODE.
2. UNLESS OTHERWISE SPECIFIED, ALL RESISTORS ARE 1/16W ±5% METAL GLAZE RESISTOR. ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR. ALL RESISTANCE VALUES ARE IN OHM. ALL CAPACITANCE VALUES ARE IN uF(p=pF). ALL E.CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V).
3. COMPONENTS IN ( ) OR [ ] ARE NOT USED.

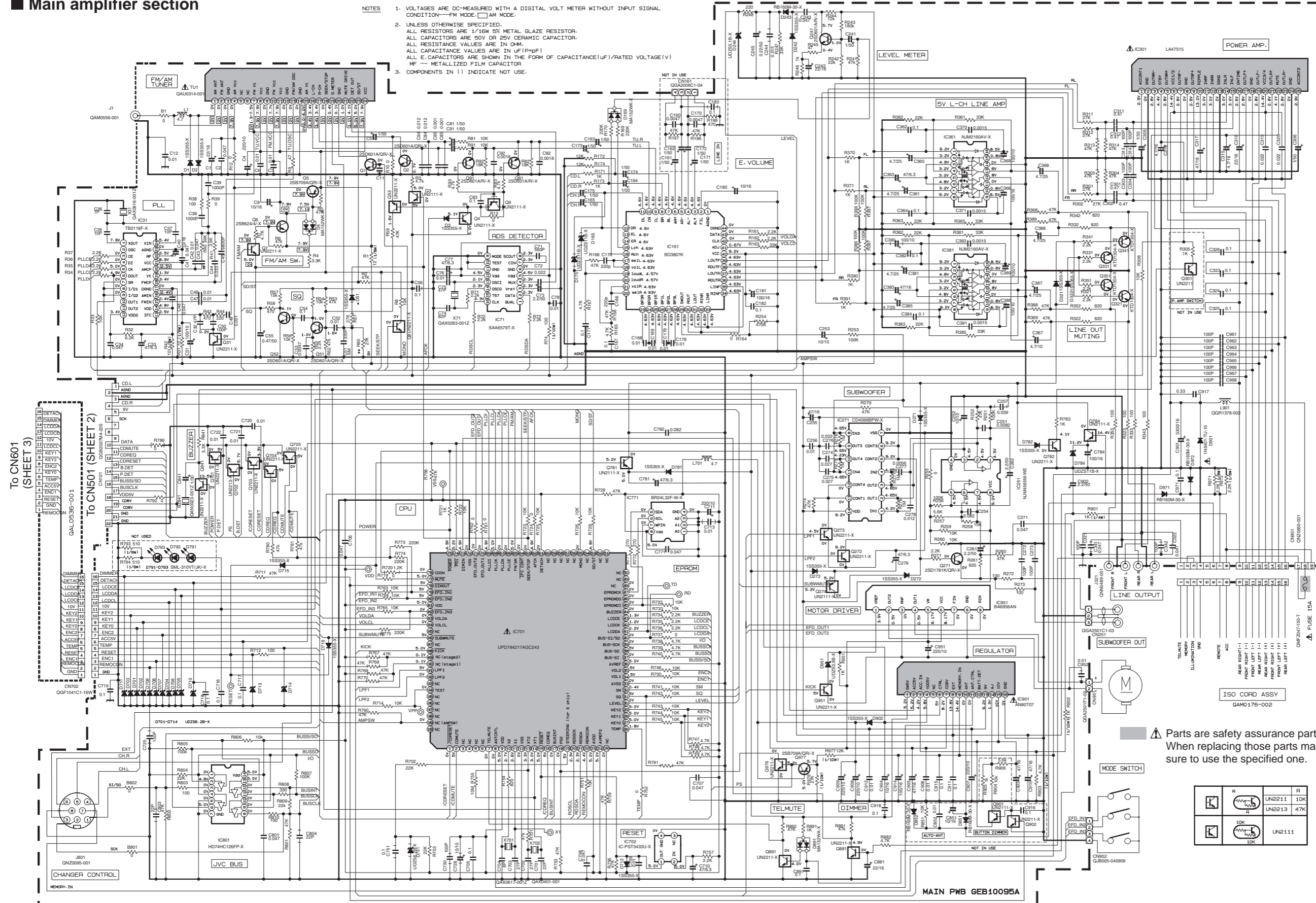


To CN702 (SHEET 1)

# Standard schematic diagrams (For KD-G807 EE version)

## Main amplifier section

- NOTES
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION—FM MODE. □ AM MODE.
  - UNLESS OTHERWISE SPECIFIED, ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR. ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR. ALL RESISTANCE VALUES ARE IN OHM. ALL CAPACITANCE VALUES ARE IN UF(PF). ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(UF)/RATED VOLTAGE(V). MF — METALLIZED FILM CAPACITOR.
  - COMPONENTS IN ( ) INDICATE NOT USE.

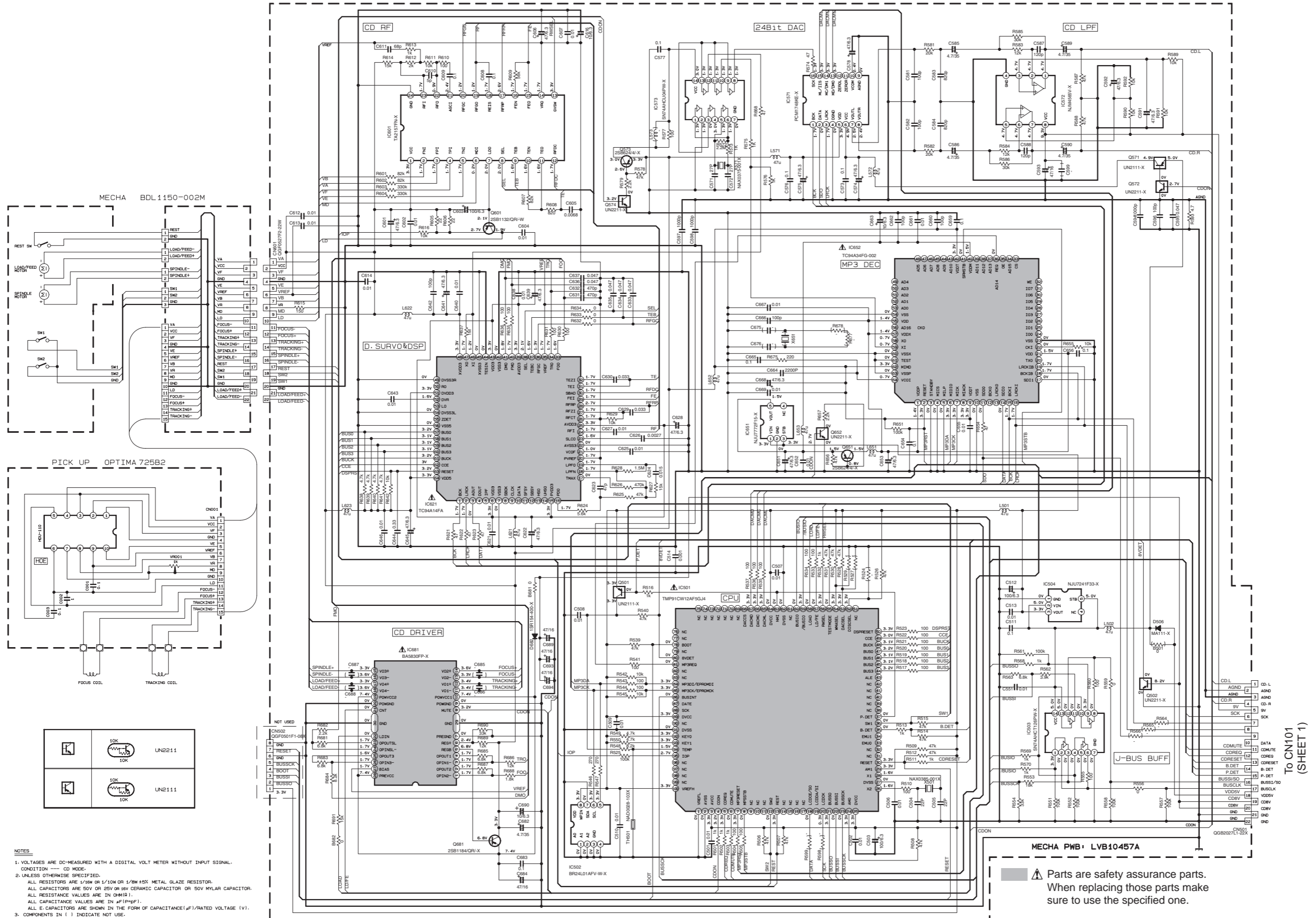


▲ Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

	R	UN211	10K
	R	UN213	47K
	10K		
		UN211	10K



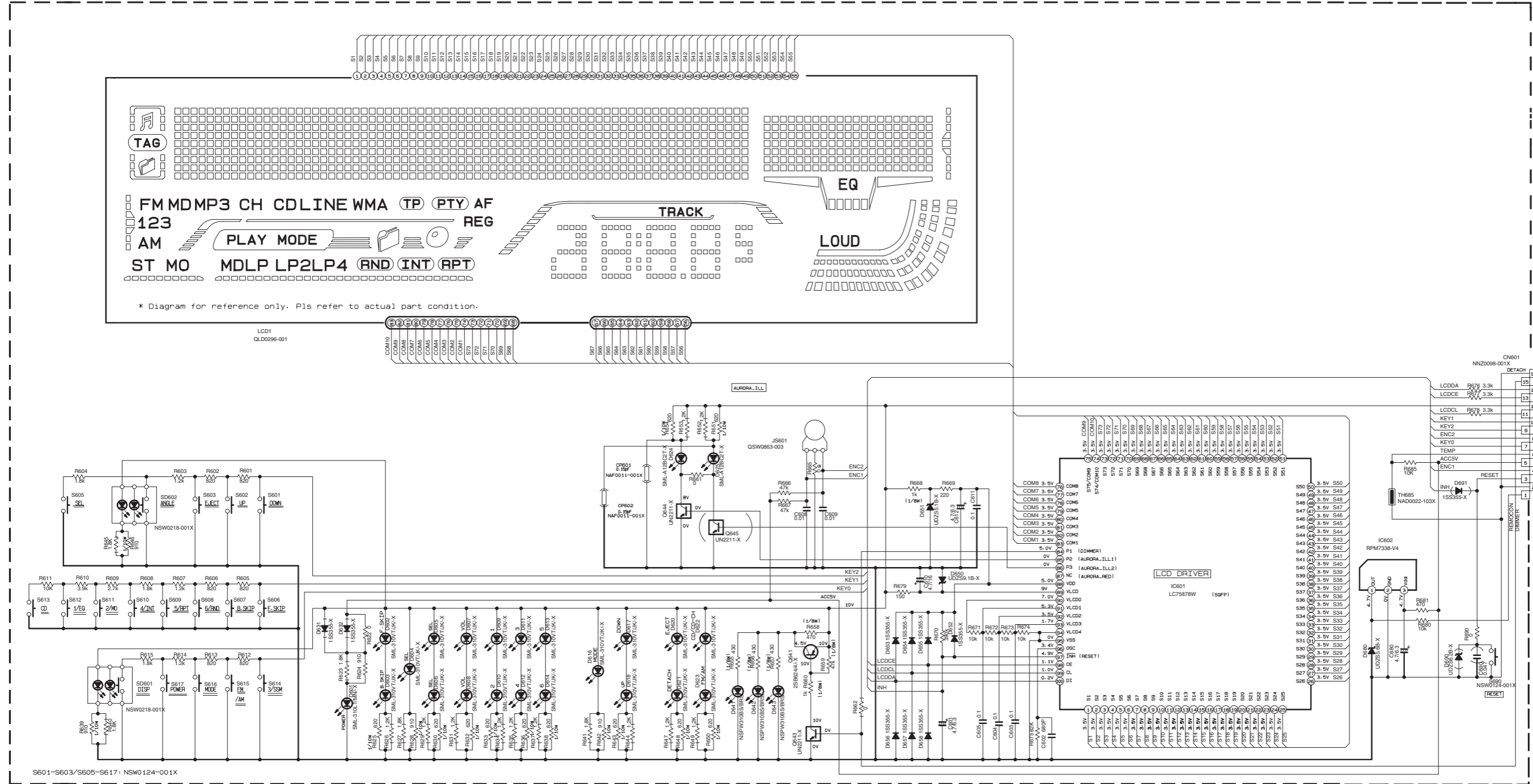
CD servo control section



To CN101  
(SHEET 1)

- NOTES**
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL. CONDITION --- CD MODE.
  2. UNLESS OTHERWISE SPECIFIED.  
ALL RESISTORS ARE 1/10W OR 1/10W OR 1/8W ±5% METAL GLAZE RESISTOR.  
ALL CAPACITORS ARE 50V OR 25V OR 16V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.  
ALL RESISTANCE VALUES ARE IN Ω(MΩ).  
ALL CAPACITANCE VALUES ARE IN pF(pFpF).  
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
  3. COMPONENTS IN | | | INDICATE NOT USED.

■ LCD & Key control section

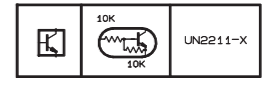


To CNT02 (SHEET 1)

SW PWB GEB10102A (AgTh/Double reflow)

**#NOTE**  
 SML-310LT/MN/-X --- RED LED (POWER)  
 SML-310VT/JK/-X --- RED LED (OTHERS)  
 NSPW310BS/BRS/ --- WHITE LED  
 R616-R619: 1/10W ±5% METAL GLAZE RESISTORS  
 R623-R654: 1/10W ±5% METAL GLAZE RESISTORS

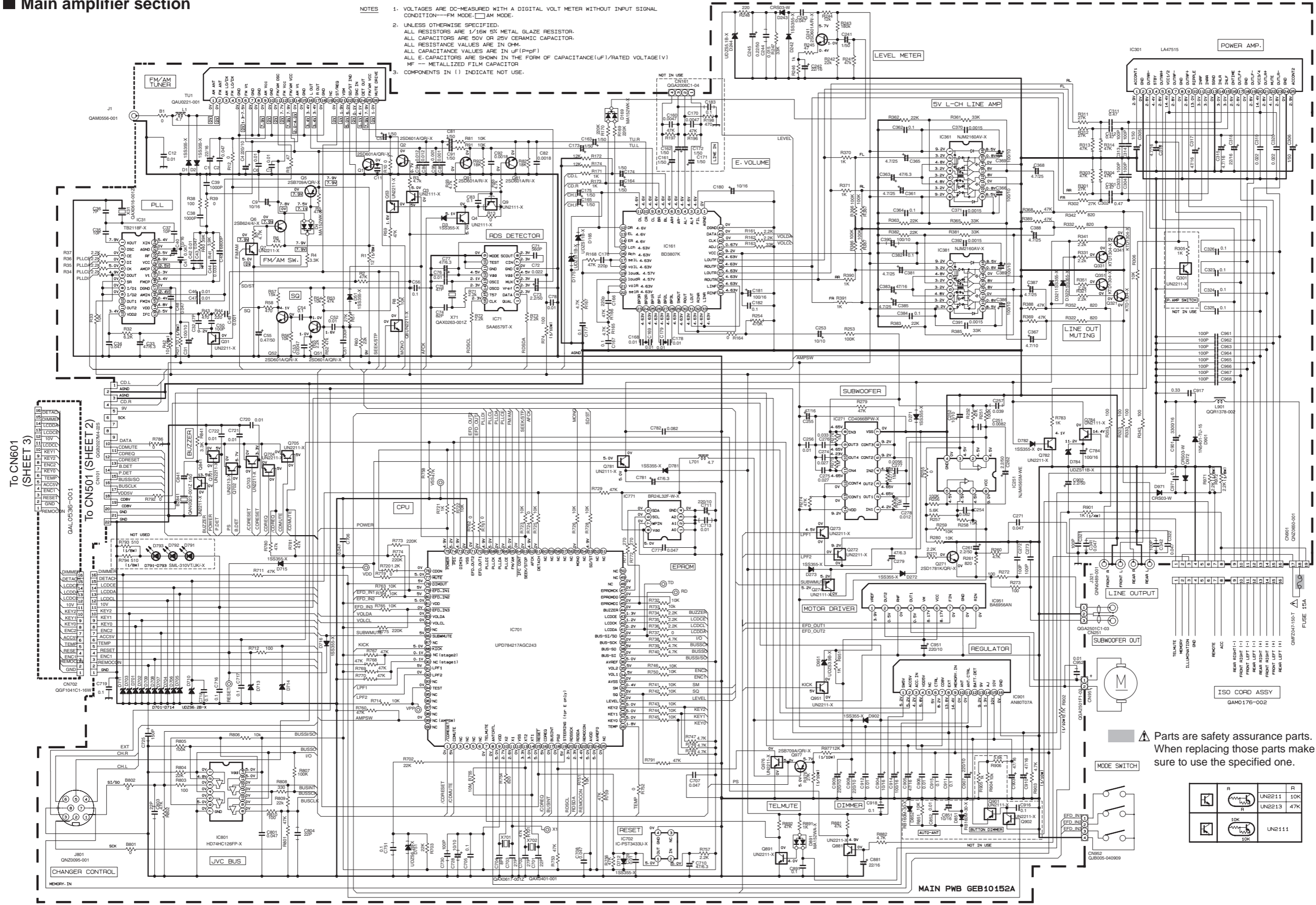
**NOTES**  
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION---CD MODE.  
 2. UNLESS OTHERWISE SPECIFIED:  
 ALL RESISTORS ARE 1/16W ±5% METAL GLAZE RESISTOR.  
 ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR.  
 ALL RESISTANCE VALUES ARE IN OHM.  
 ALL CAPACITANCE VALUES ARE IN uF(p=pF).  
 ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V)  
 3. COMPONENTS IN ( ) OR [ ] ARE NOT USED.



# Standard schematic diagrams (For KD-G807 EE2 version)

## Main amplifier section

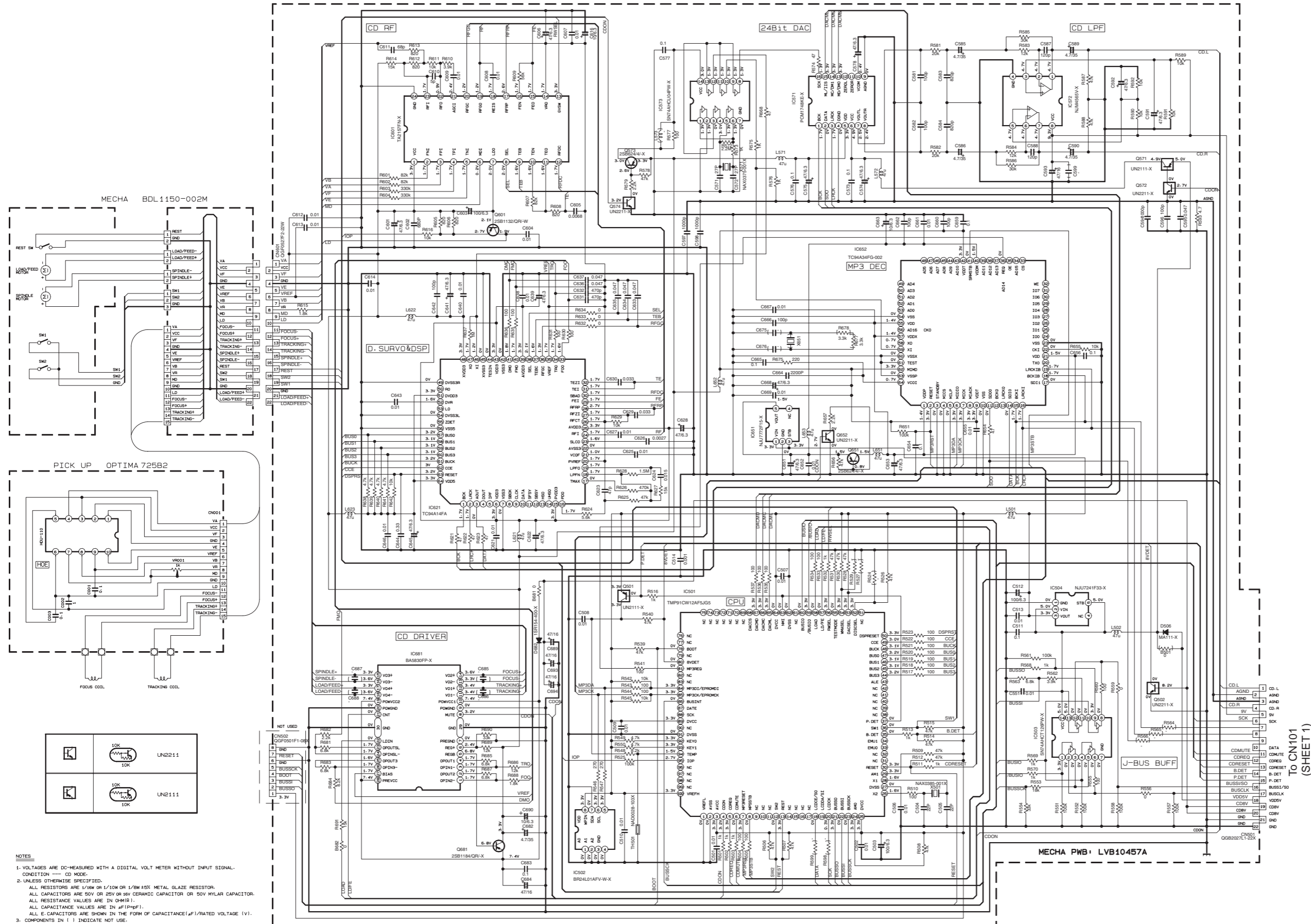
- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION—FM MODE. □ AM MODE.
  2. UNLESS OTHERWISE SPECIFIED, ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR. ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR. ALL RESISTANCE VALUES ARE IN OHM. ALL CAPACITANCE VALUES ARE IN UF (P=PF). ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(UF)/RATED VOLTAGE(V). MF — METALLIZED FILM CAPACITOR.
  3. COMPONENTS IN ( ) INDICATE NOT USE.



Parts are safety assurance parts. When replacing those parts make sure to use the specified one.

		UN2211	10K
		UN2213	47K
		UN2111	10K

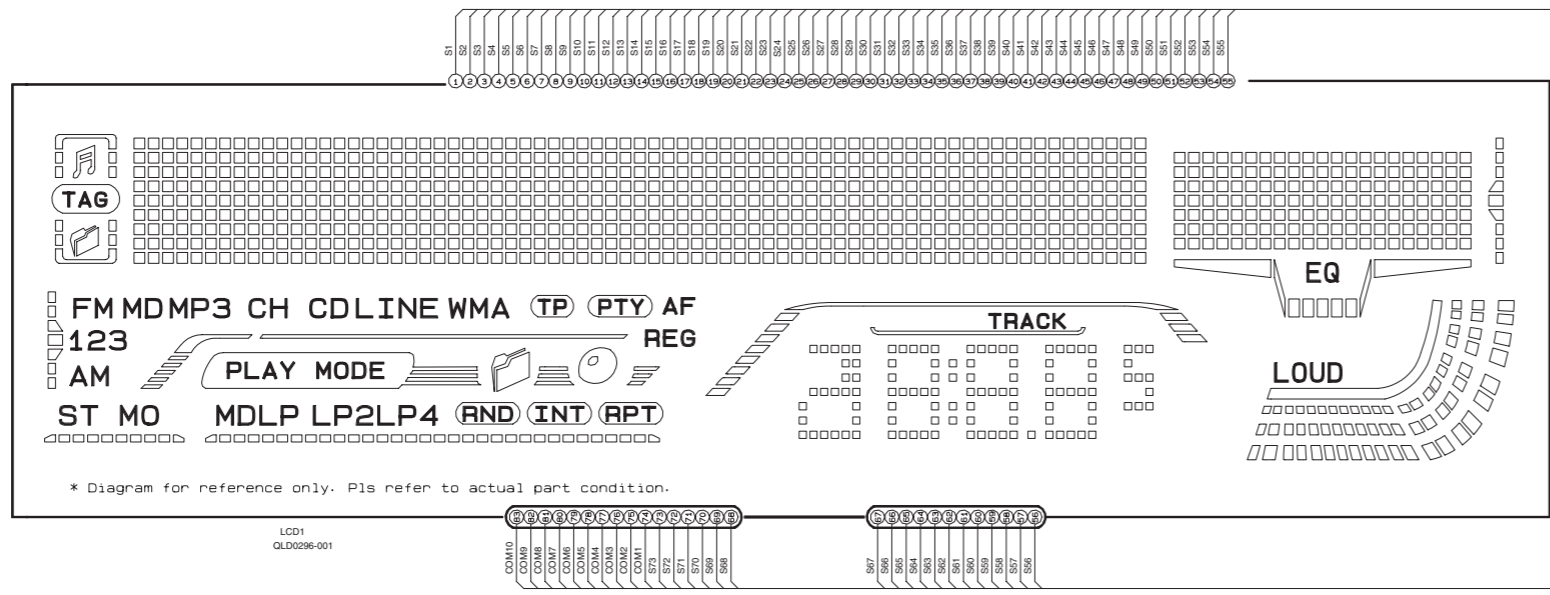
■ CD servo control section



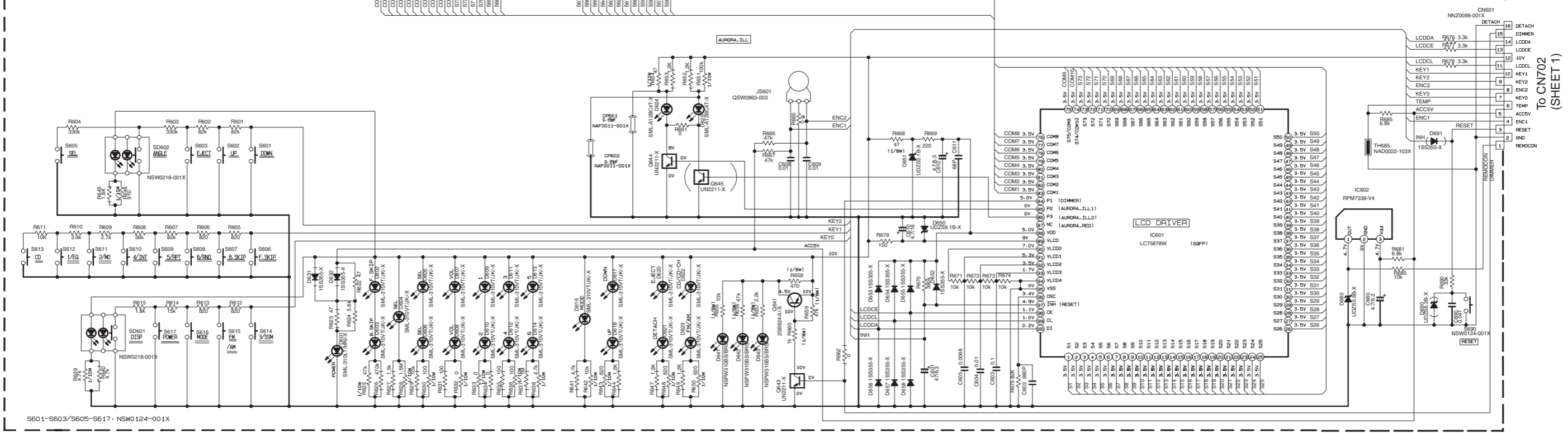
TO CN101  
(SHEET 1)

NOTES  
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.  
 CONDITION — CD MODE.  
 2. UNLESS OTHERWISE SPECIFIED.  
 ALL RESISTORS ARE 1/16W OR 1/10W OR 1/8W ±5% METAL GLAZE RESISTOR.  
 ALL CAPACITORS ARE 50V OR 25V OR 16V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.  
 ALL RESISTANCE VALUES ARE IN Ω(MΩ).  
 ALL CAPACITANCE VALUES ARE IN pF(μF).  
 ALL C-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(pF)/RATED VOLTAGE (V).  
 3. COMPONENTS IN ( ) INDICATE NOT USE.

■ LCD & Key control section



LCD1  
QLD0296-001

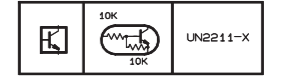


S601-S603/S605-S617, NSW0124-001X

SW PWB GEB10102A (AgTh/Double reflow)

#NOTE  
 SML-310LT/MN/-X --- RED LED (POWER)  
 SML-310VT/JK/-X --- RED LED (OTHERS)  
 NSPW310BS/BR/- --- WHITE LED  
 R616-R619: 1/10W ±5% METAL GLAZE RESISTORS  
 R623-R654: 1/10W ±5% METAL GLAZE RESISTORS

- NOTES
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION---CD MODE.
  - UNLESS OTHERWISE SPECIFIED:  
 ALL RESISTORS ARE 1/16W ±5% METAL GLAZE RESISTOR.  
 ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR.  
 ALL RESISTANCE VALUES ARE IN OHM.  
 ALL CAPACITANCE VALUES ARE IN pF(p=pF).  
 ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE(V)
  - COMPONENTS IN ( ) OR [ ] ARE NOT USED.



To CNT02  
(SHEET 1)