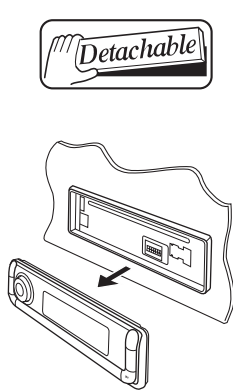


JVC

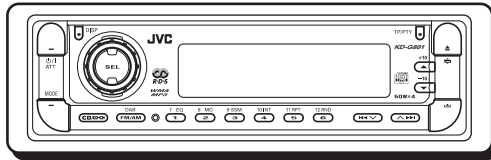
SERVICE MANUAL

CD RECEIVER

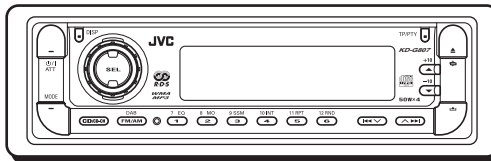
KD-G801, KD-G807



KD-G801



KD-G807



KD-G801
Area suffix
E ----- Continental Europe
EX ----- Central Europe

KD-G807
Area suffix
EE ----- Russian Federation

**WMA
MP3**

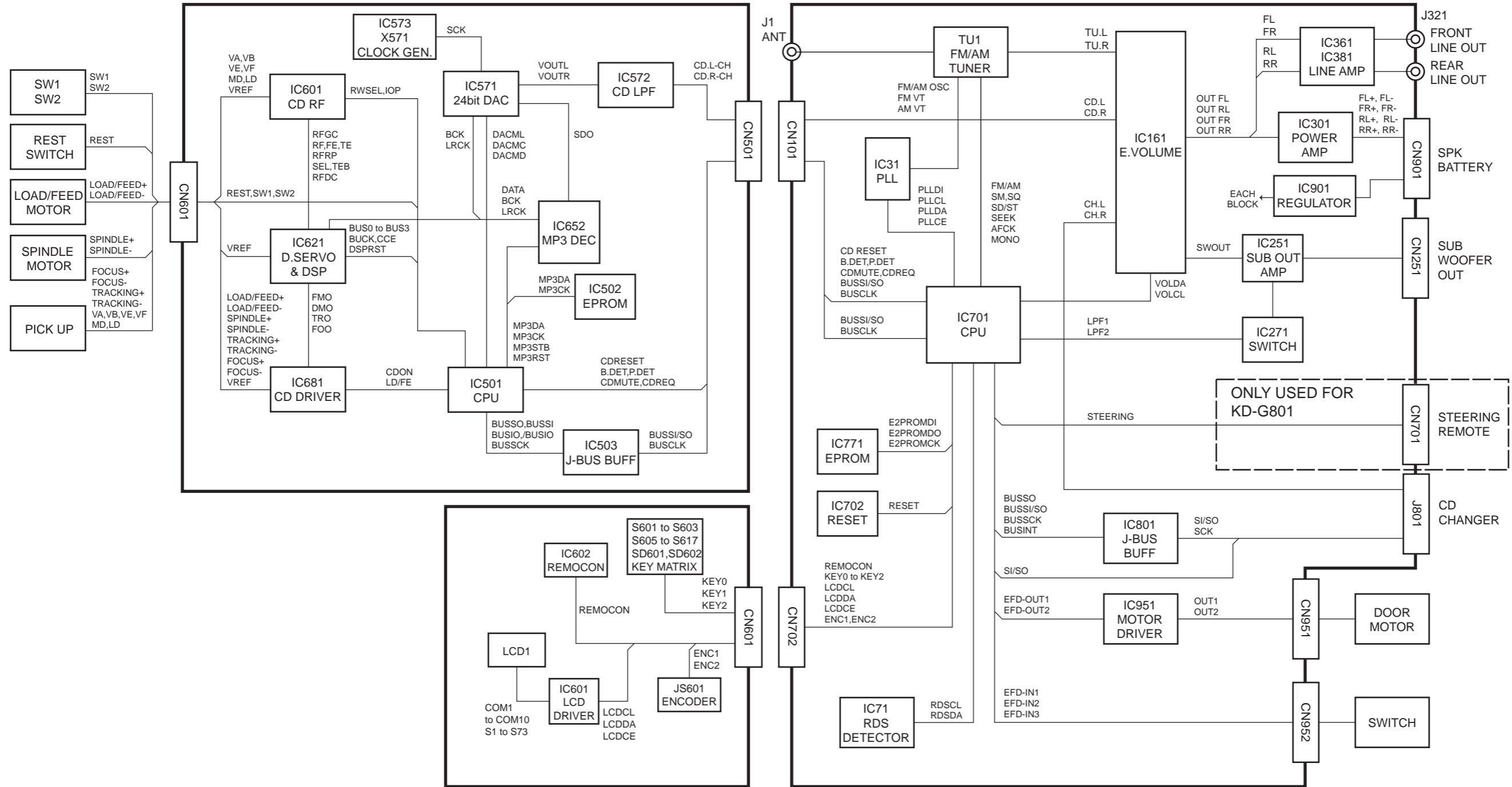


	KD-G801 EE/EX	KD-G807 E
STEERING CABLE	○	×

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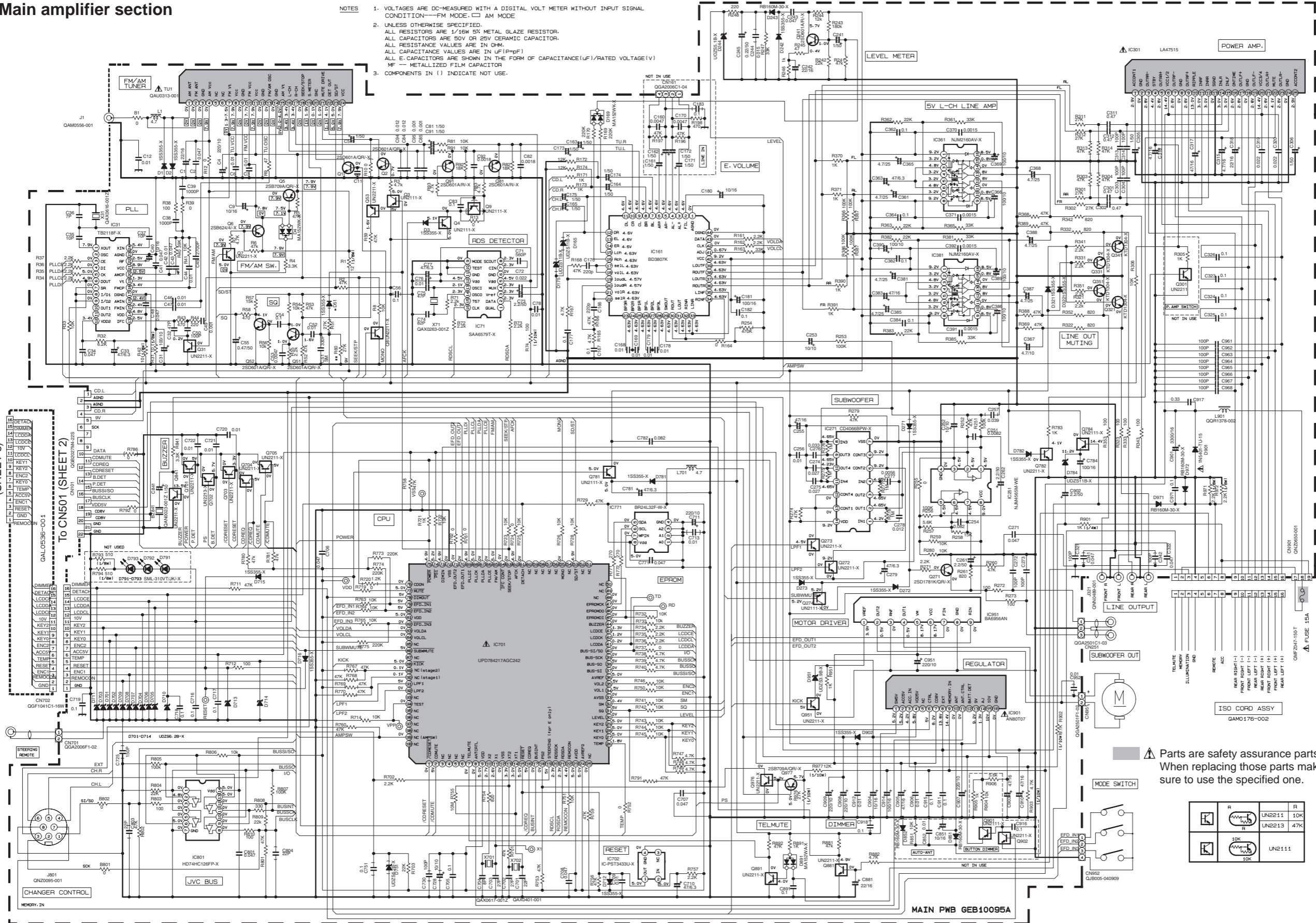
Block diagram



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

Main amplifier section

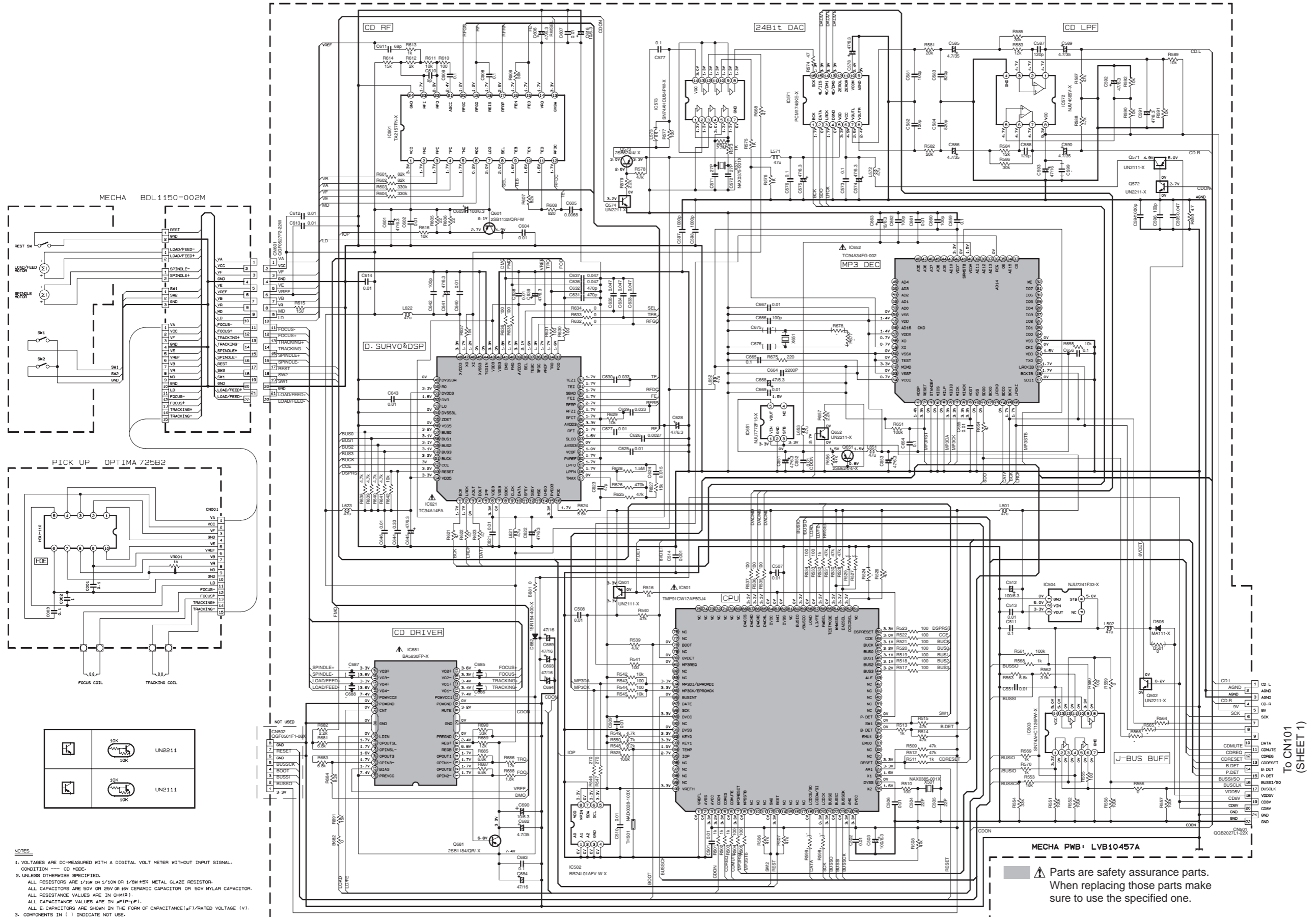
- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION—FM MODE. □ AM MODE
 2. UNLESS OTHERWISE SPECIFIED, ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR. ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR. ALL RESISTANCE VALUES ARE IN OHM. ALL CAPACITANCE VALUES ARE 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



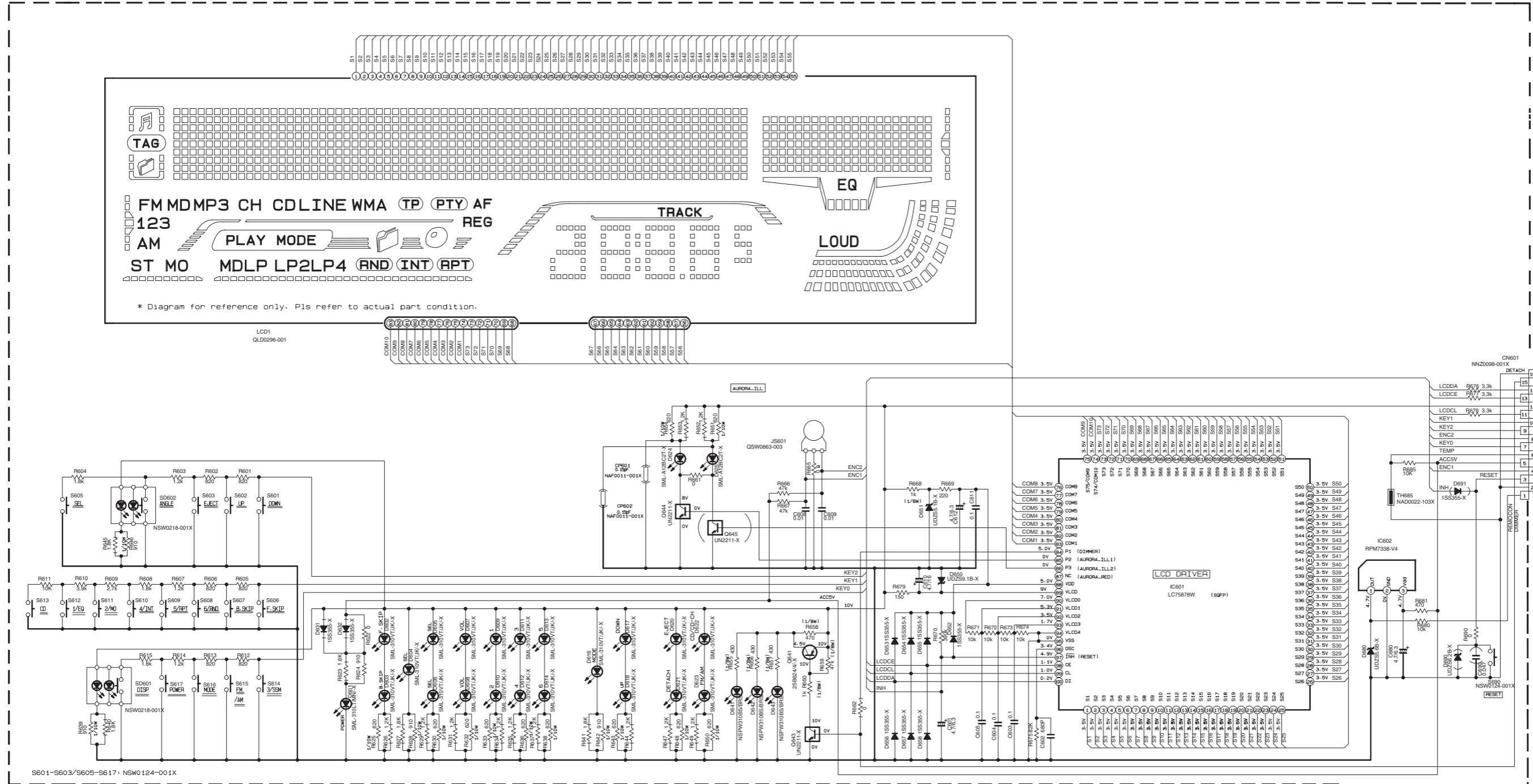
NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL. CONDITION — CD MODE.
2. UNLESS OTHERWISE SPECIFIED.
3. 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).
4. ALL CAPACITANCE VALUES ARE IN pF(pF).
5. ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).
6. COMPONENTS IN () INDICATE NOT USE.

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

To CN101 (SHEET 1)

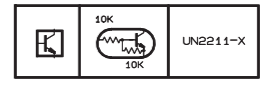
■ LCD & Key control section



SW PWB GEB10102A (AgTh/Double reflow)

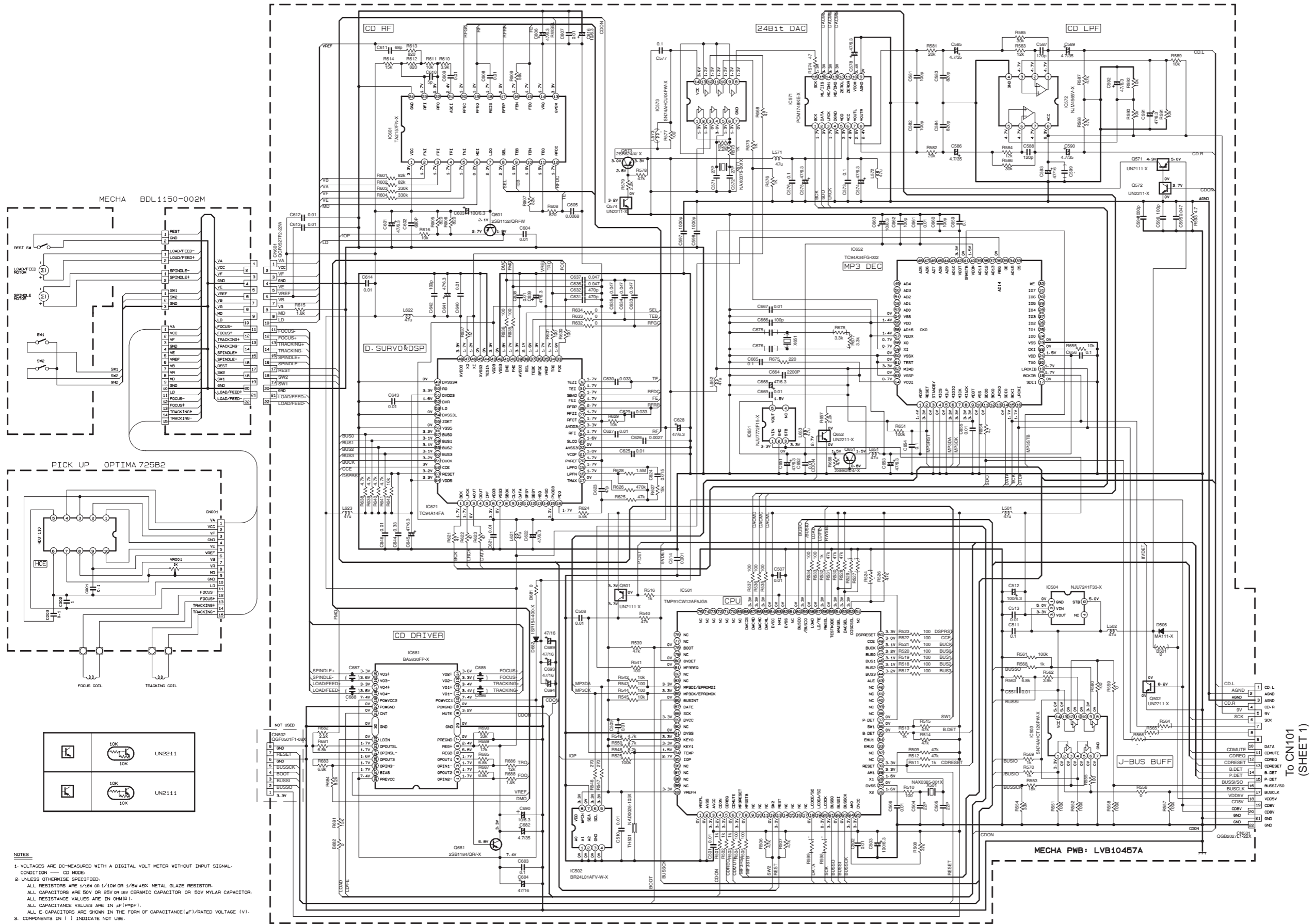
#NOTE
 SML-310LT/MN/-X --- RED LED (POWER)
 SML-310VT/JK/-X --- RED LED (OTHERS)
 NSPW310BS/BRS/ --- WHITE LED
 R616-R619: 1/10W ±5% METAL GLAZE RESISTORS
 R623-R654: 1/10W ±5% METAL GLAZE RESISTORS

- NOTES
- 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 uF(p=pF).
 ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V)
 - COMPONENTS IN () OR [] ARE NOT USED.



To CNT02 (SHEET 1)

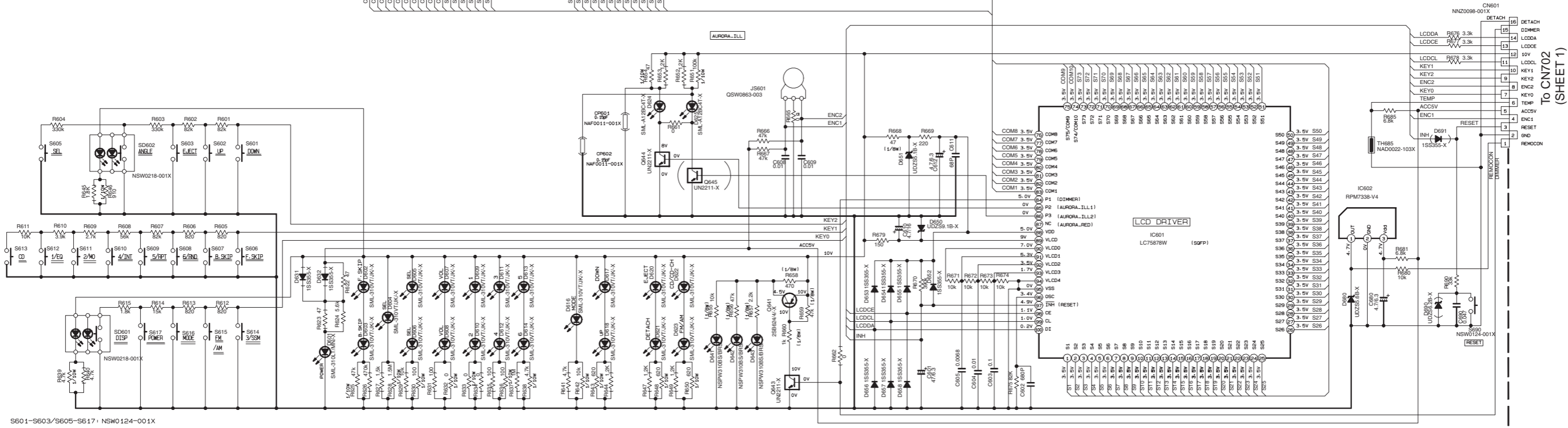
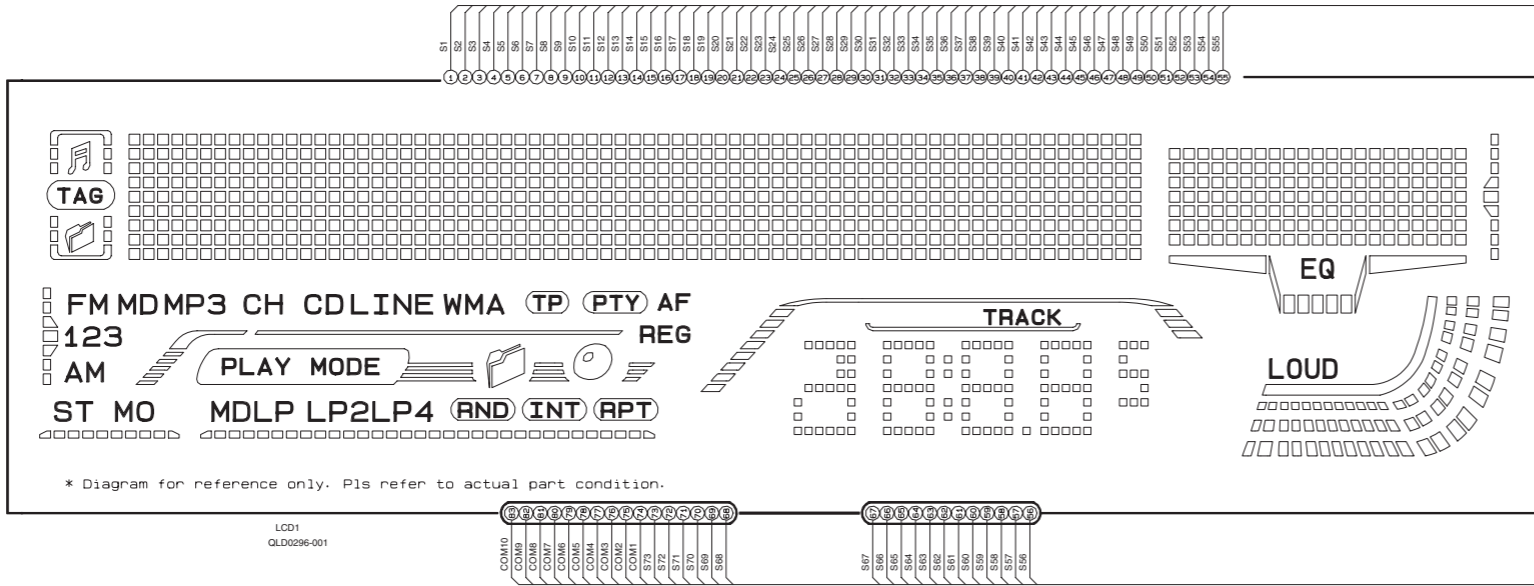
CD servo control section



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 15K 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

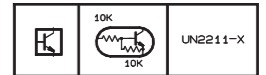


S601~S603/S605~S617: NSW0124-001X

SW PWB 6EB10102A (AgTh/Double reflow)

#NOTE
 SML-310LT/MN/-X --- RED LED (POWER)
 SML-310VT/UK/-X --- RED LED (OTHERS)
 NSPW310BS/BS/-X --- 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.

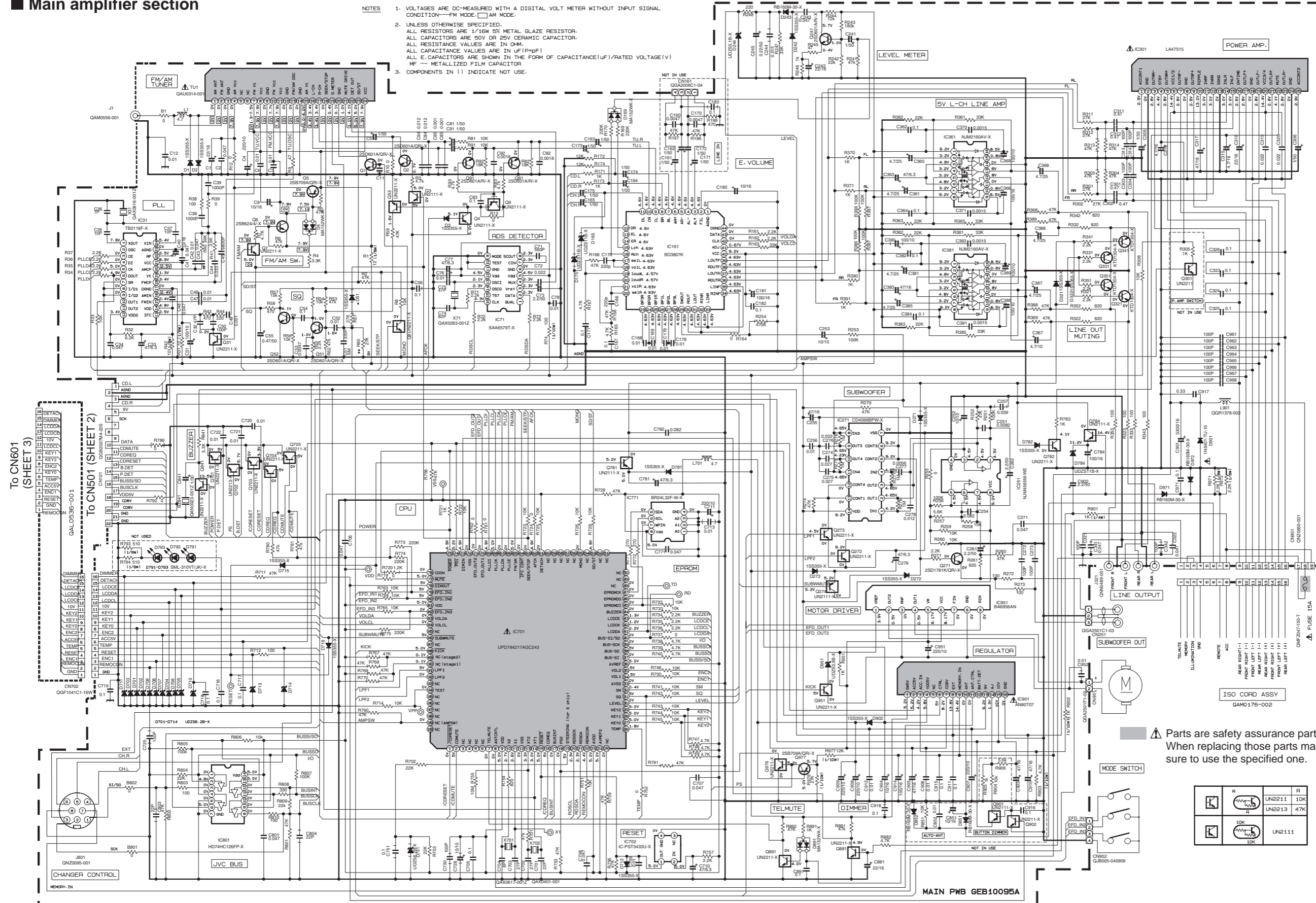


To CN702 (SHEET 1)

Standard schematic diagrams (For KD-G807 EE version)

Main amplifier section

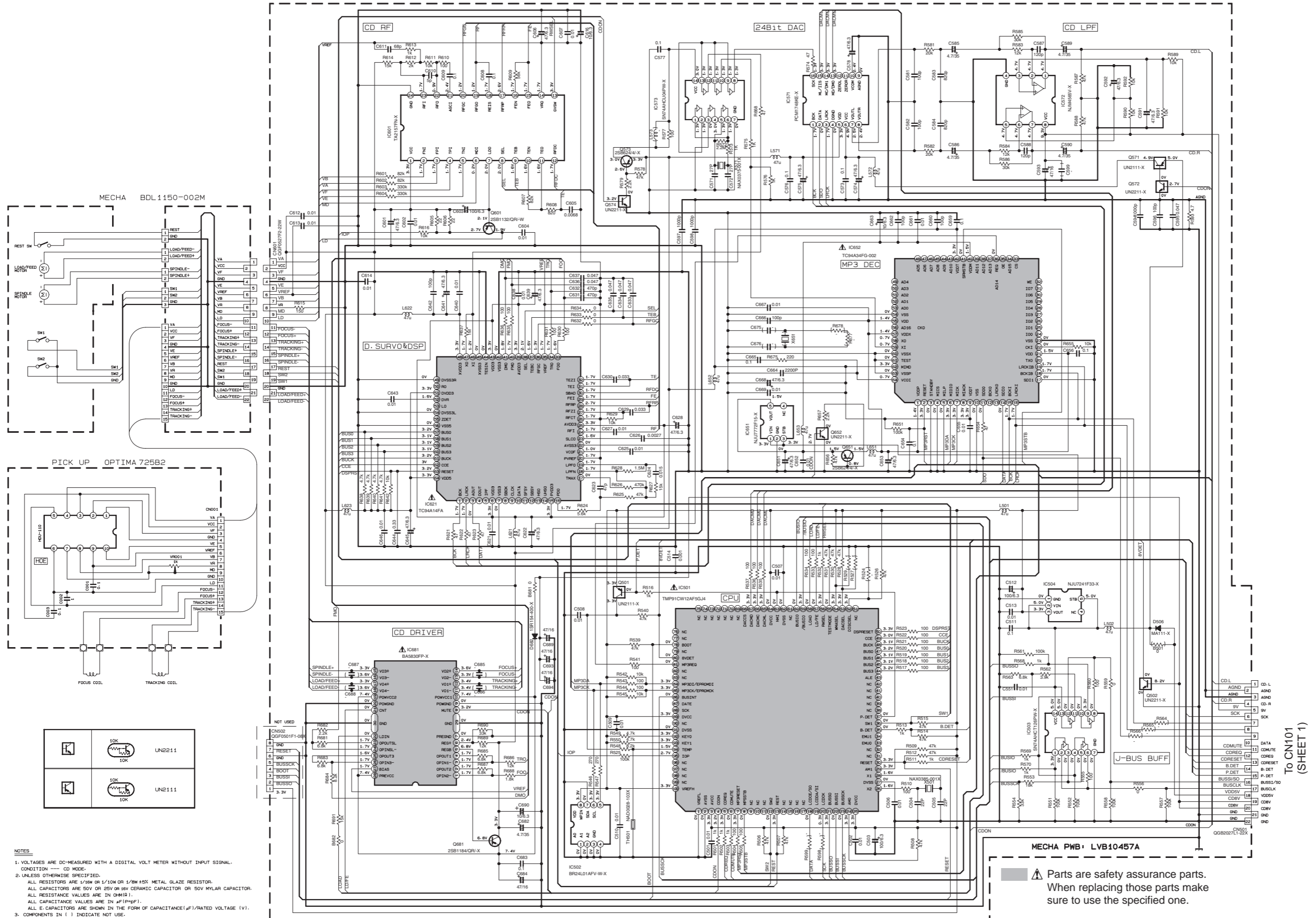
- NOTES
- VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION—FM MODE. □ AM MODE.
 - UNLESS OTHERWISE SPECIFIED, ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR. ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR. ALL RESISTANCE VALUES ARE IN OHM. ALL CAPACITANCE VALUES ARE 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		

CD servo control section



NOTES

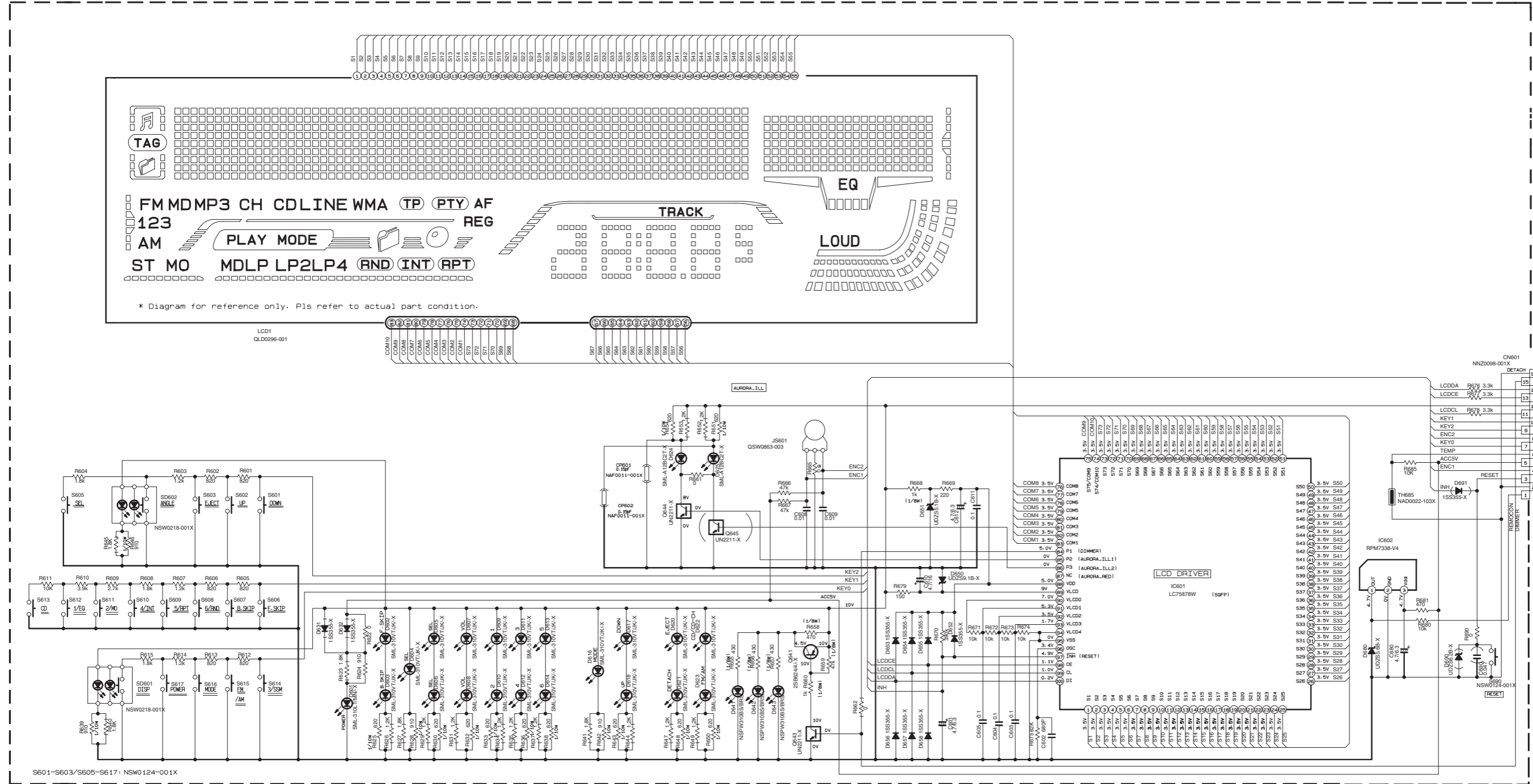
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL. CONDITION --- CD MODE.
2. UNLESS OTHERWISE SPECIFIED.
ALL RESISTORS ARE 1/10W OR 1/10W OR 1/8W ±5% METAL GLAZE RESISTOR.
ALL CAPACITORS ARE 50V OR 25V OR 16V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
ALL RESISTANCE VALUES ARE 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.

To CN101
(SHEET 1)

MECHA PWB: LVB10457A

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

■ LCD & Key control section

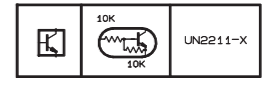


To CNT02 (SHEET 1)

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

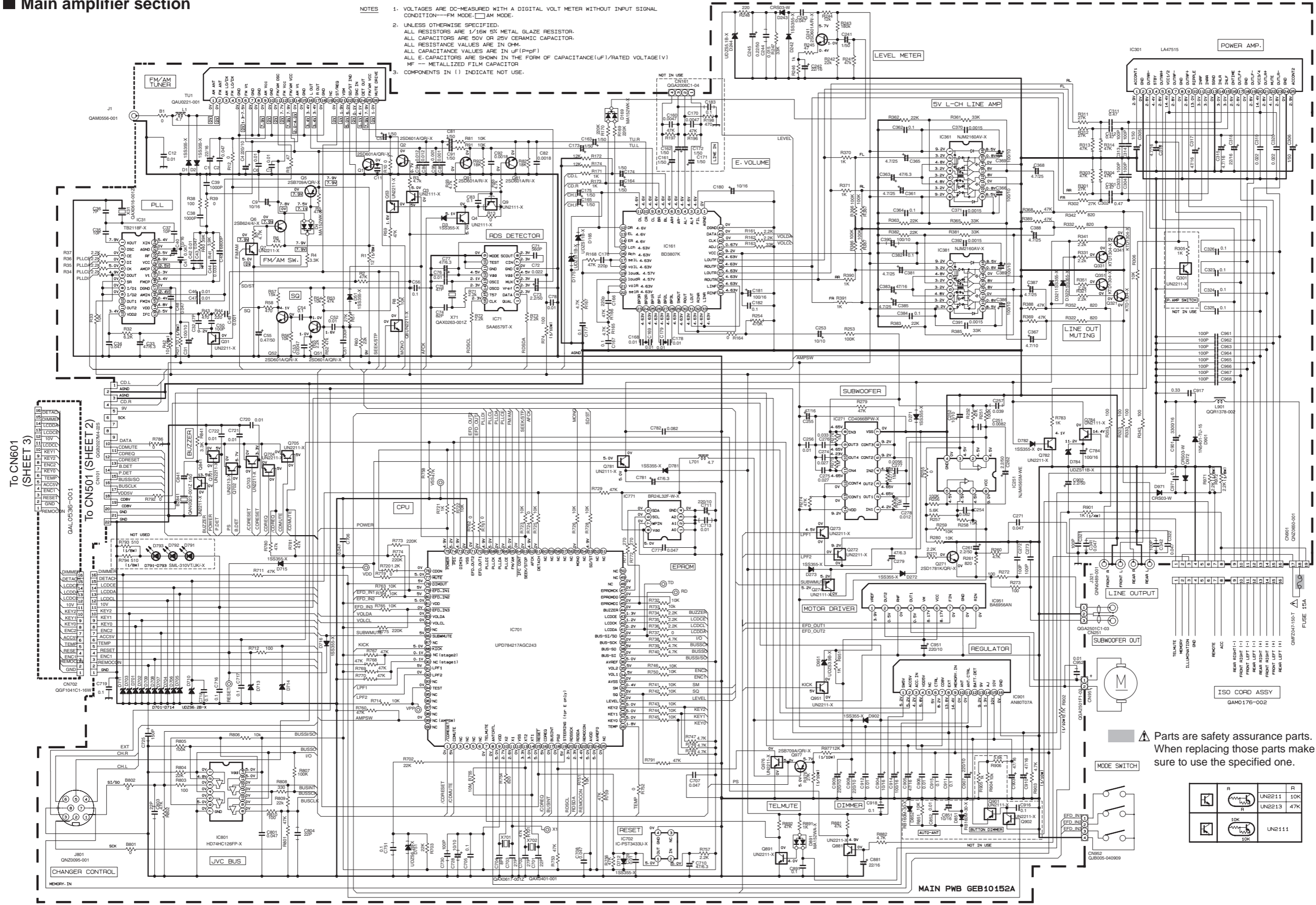
NOTES
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION---CD MODE.
 2. UNLESS OTHERWISE SPECIFIED:
 ALL RESISTORS ARE 1/16W ±5% METAL GLAZE RESISTOR.
 ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR.
 ALL RESISTANCE VALUES ARE IN OHM.
 ALL CAPACITANCE VALUES ARE IN 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

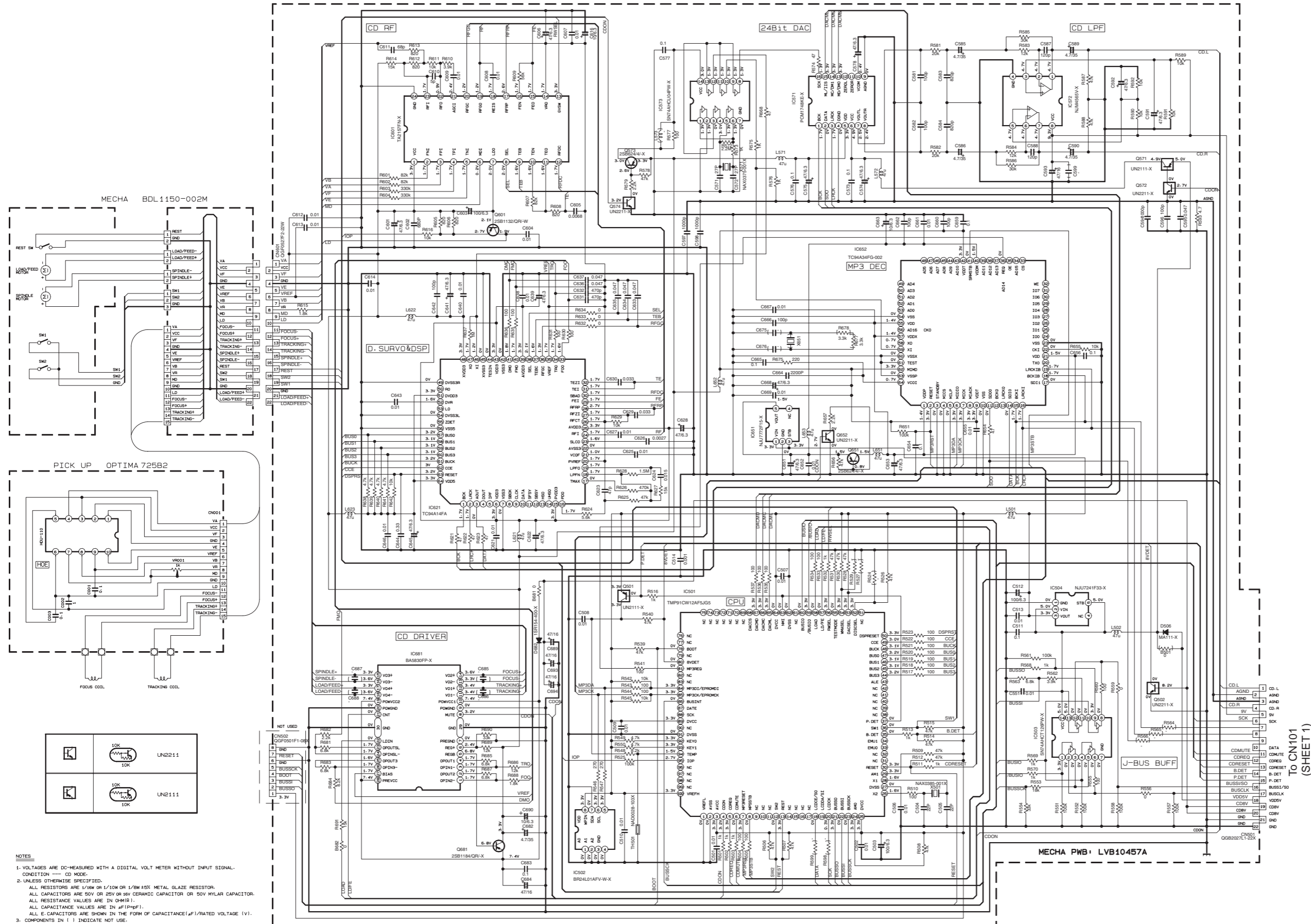
- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION—FM MODE. □ AM MODE.
 2. UNLESS OTHERWISE SPECIFIED, ALL RESISTORS ARE 1/16W 5% METAL GLAZE RESISTOR. ALL CAPACITORS ARE 50V OR 25V CERAMIC CAPACITOR. ALL RESISTANCE VALUES ARE IN OHM. ALL CAPACITANCE VALUES ARE 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

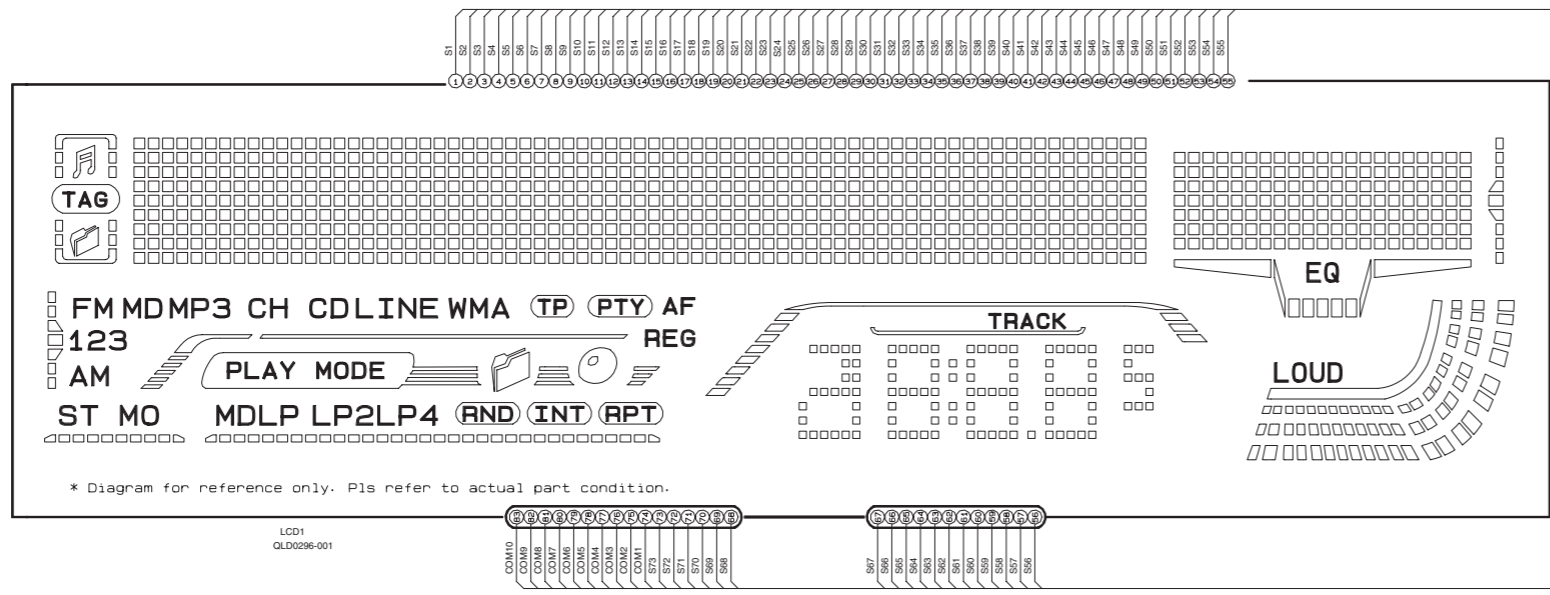
CD servo control section



TO CN101
(SHEET 1)

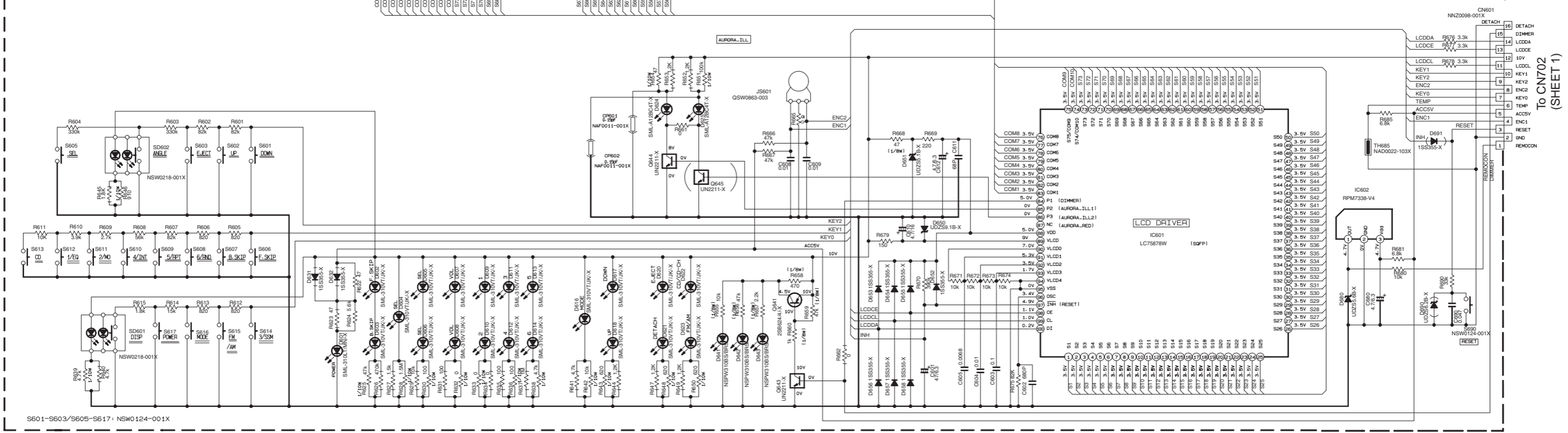
NOTES
 1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.
 CONDITION — CD MODE.
 2. UNLESS OTHERWISE SPECIFIED.
 ALL RESISTORS ARE 1/16W OR 1/10W OR 1/8W ±5% METAL GLAZE RESISTOR.
 ALL CAPACITORS ARE 50V OR 25V OR 16V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.
 ALL RESISTANCE 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



* Diagram for reference only. Pls refer to actual part condition.

LCD1
QLD0296-001



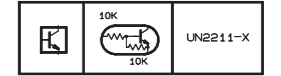
S601-S603/S605-S617 NSW0124-001X

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 uF(p=pF).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V)
- COMPONENTS IN () OR [] ARE NOT USED.



To CNT02
(SHEET 1)