

JVC

SCHEMATIC DIAGRAMS

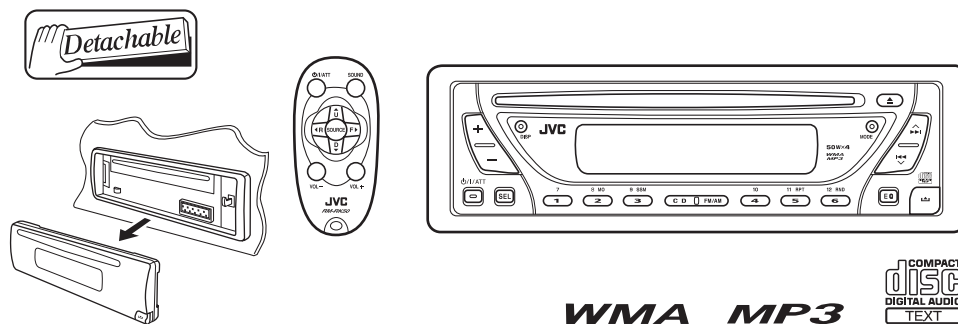
CD RECEIVER

KD-G415, KD-G416

CD-ROM No.SML200504

Area suffix

UT ----- Taiwan
UH ----- Thailand
UN ----- Indonesia
U ----- Other Areas

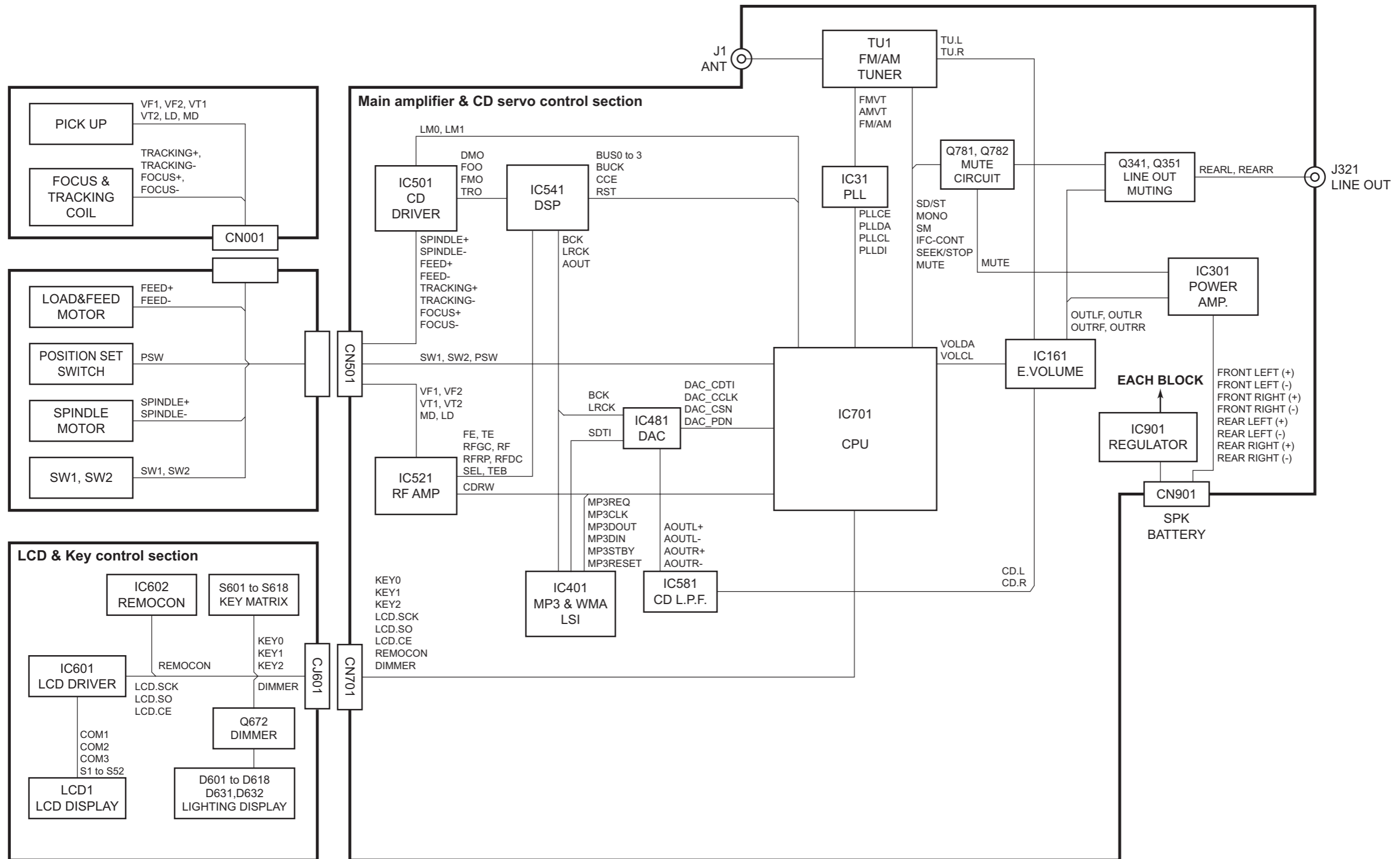


	KD-G415	KD-G416
CONTROL PANEL	BLACK	SILVER

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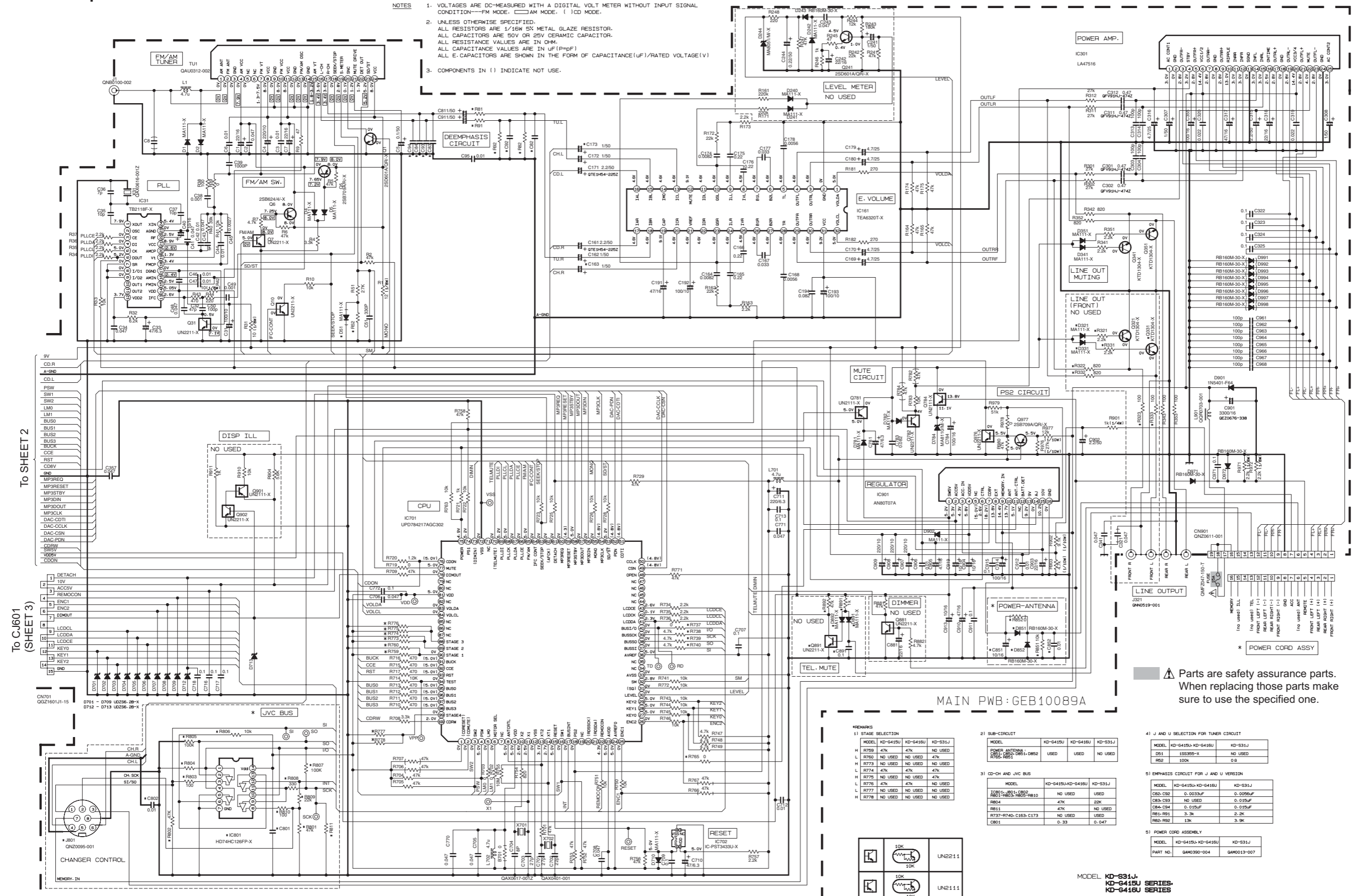
Block diagram (for UT, UH, UN and U version)



Standard schematic diagrams (for UT, UH, UN and U version)

■ Main amplifier section

- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL CONDITION—FM MODE. □ AM MODE. () 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(PF). ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(UF)/RATED VOLTAGE(V).
 3. COMPONENTS IN () INDICATE NOT USE.



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

REMARKS

1) STAGE SELECTION			
MODEL	KD-6415U	KD-6416U	KD-831J
H	R759	47k	NO USED
L	R760	NO USED	NO USED
H	R773	NO USED	NO USED
L	R774	47k	47k
L	R775	NO USED	NO USED
L	R776	47k	47k
L	R777	NO USED	NO USED
L	R778	NO USED	NO USED

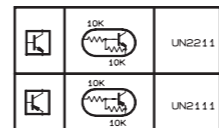
2) SUB-CIRCUIT			
MODEL	KD-6415U	KD-6416U	KD-831J
POWER ANTENNA	USED	USED	NO USED
R765, R851			

3) CD-CH AND JVC BUS			
MODEL	KD-6415U(KD-6416U)	KD-831J	
JVC BUS	NO USED	USED	
R804	47k	NO USED	
R811	47k	NO USED	
R737-R740, C163, C173	NO USED	USED	
C801	0.33	0.047	

4) J AND U SELECTION FOR TUNER CIRCUIT			
MODEL	KD-6415U(KD-6416U)	KD-831J	
D51	15S355-X	NO USED	
R82	100k	0.0	

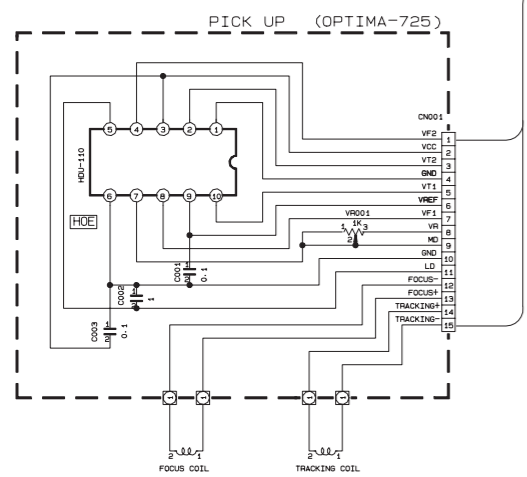
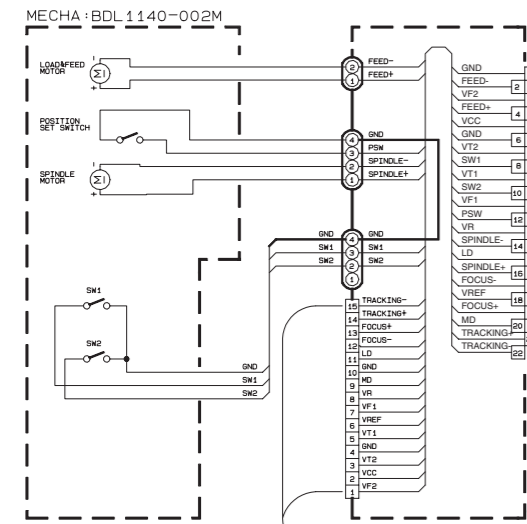
5) EMPHASIS CIRCUIT FOR J AND U VERSION			
MODEL	KD-6415U(KD-6416U)	KD-831J	
C82, C82	0.0033F	0.0056F	
C83, C93	NO USED	0.015UF	
C84, C94	0.015UF	0.015UF	
R81, R91	3.3k	2.2k	
R82, R92	15k	3.9k	

5) POWER CORD ASSEMBLY			
MODEL	KD-6415U(KD-6416U)	KD-831J	
PART NO.	GAM0390-004	GAM013-007	

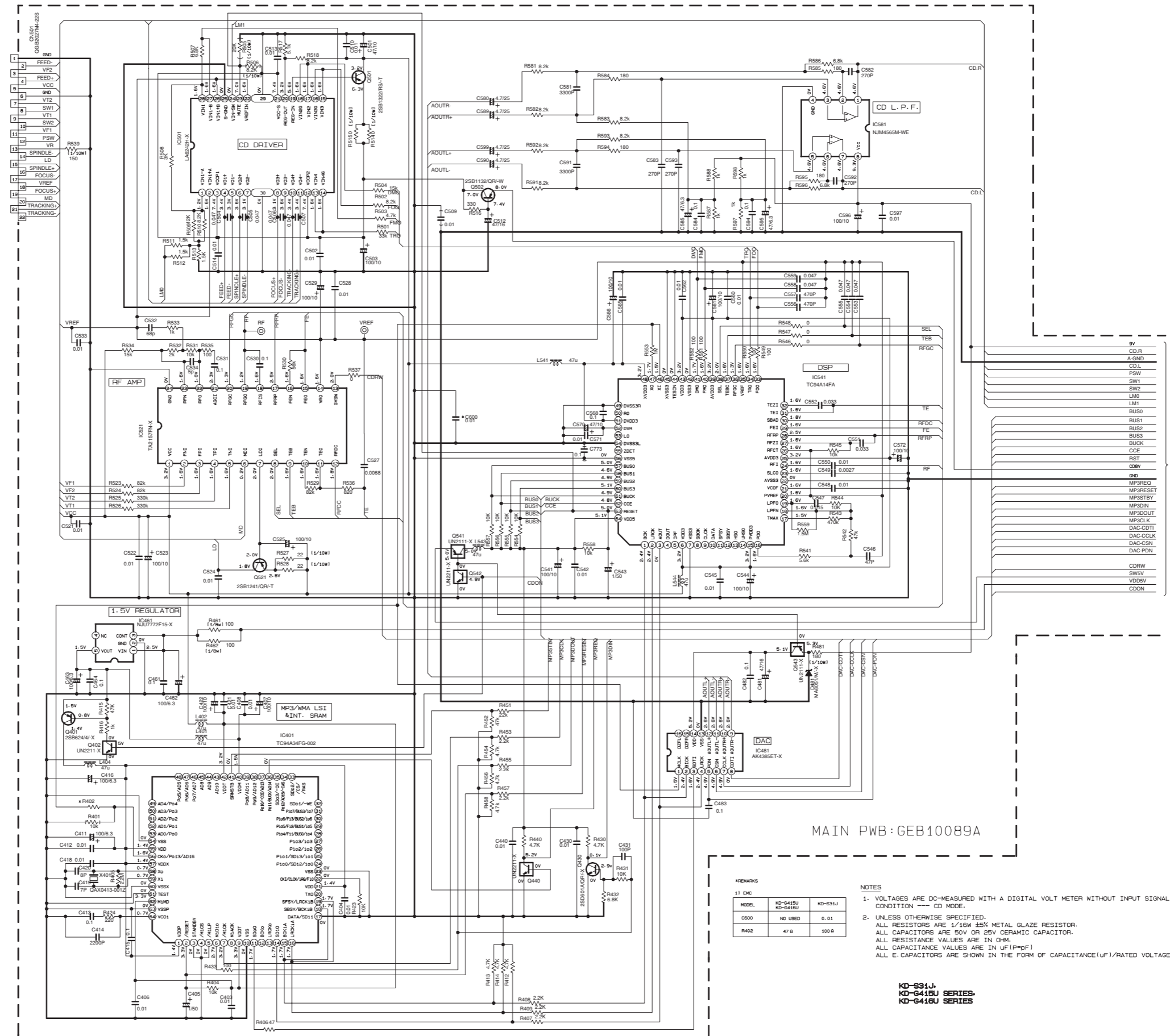


MODEL KD-831J, KD-6415U SERIES, KD-6416U SERIES

CD servo control section



	10K	UN2211
	10K	UN2111



MAIN PWB: GEB10089A

REMARKS

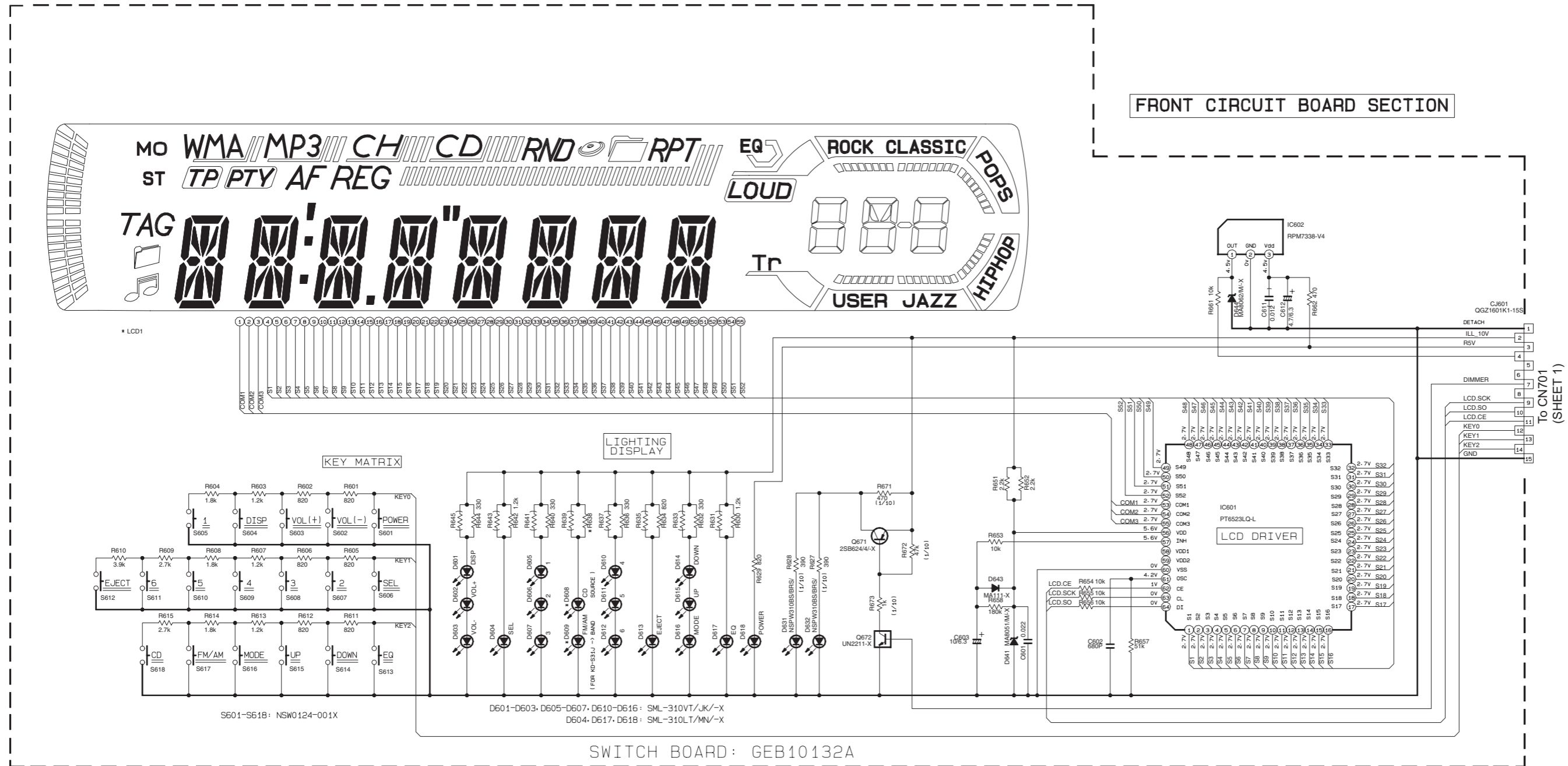
11 EMC		
MODEL	KD-6418U	KD-631U
C600	NO USED	0.01
R402	47 Ω	100 Ω

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KD-631U,
KD-6418U SERIES,
KD-6416U SERIES

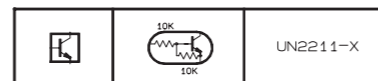
TO SHEET 1

■ LCD & Key control section



*REMARK

MODEL	KD-G415U	KD-G416U	KD-S31J
LCD1	QLD0355-001	QLD0355-001	QLD0350-001
D608, D609	SML310VT/JK/-X	SML310VT/JK/-X	SML310LT/MN/-X
R638	470	470	510

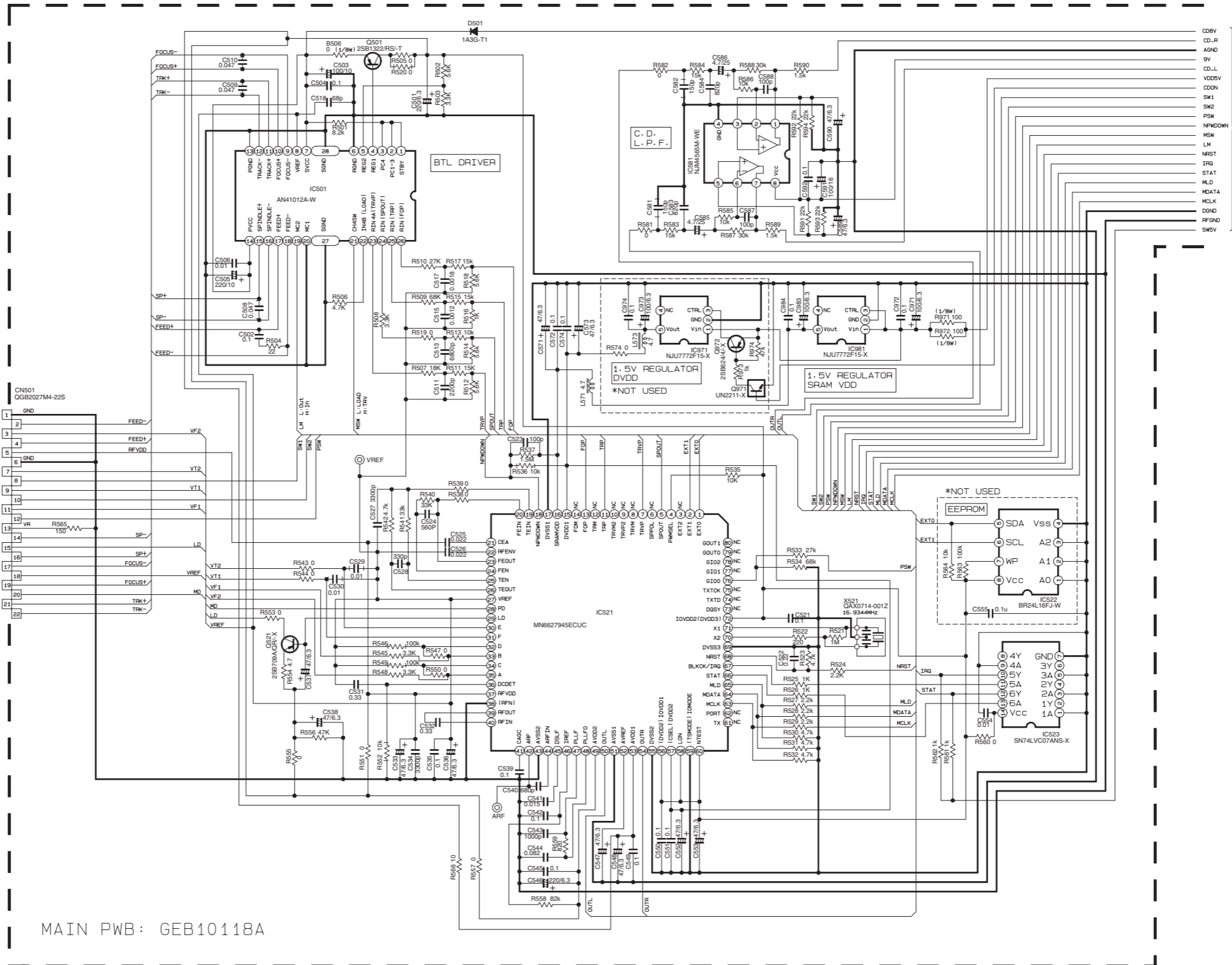
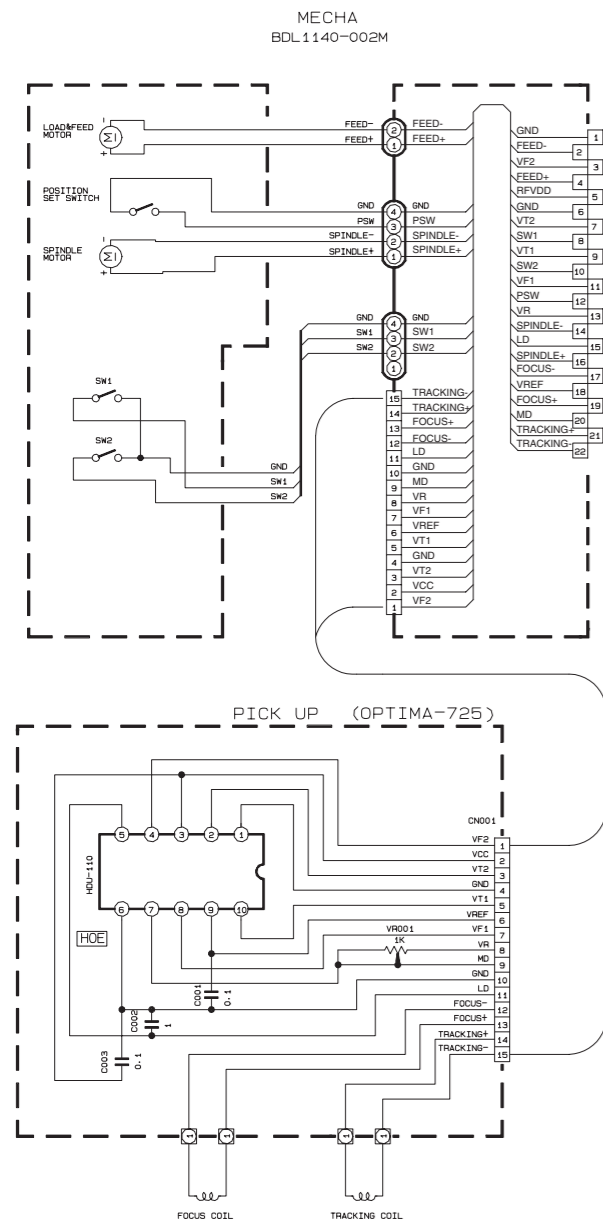


NOTES

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- COMPONENTS IN () INDICATE NOT USE.

MODEL **KD-S31J, KD-G415U SERIES, KD-G416U SERIES**

CD servo control section



TO SHEET 1

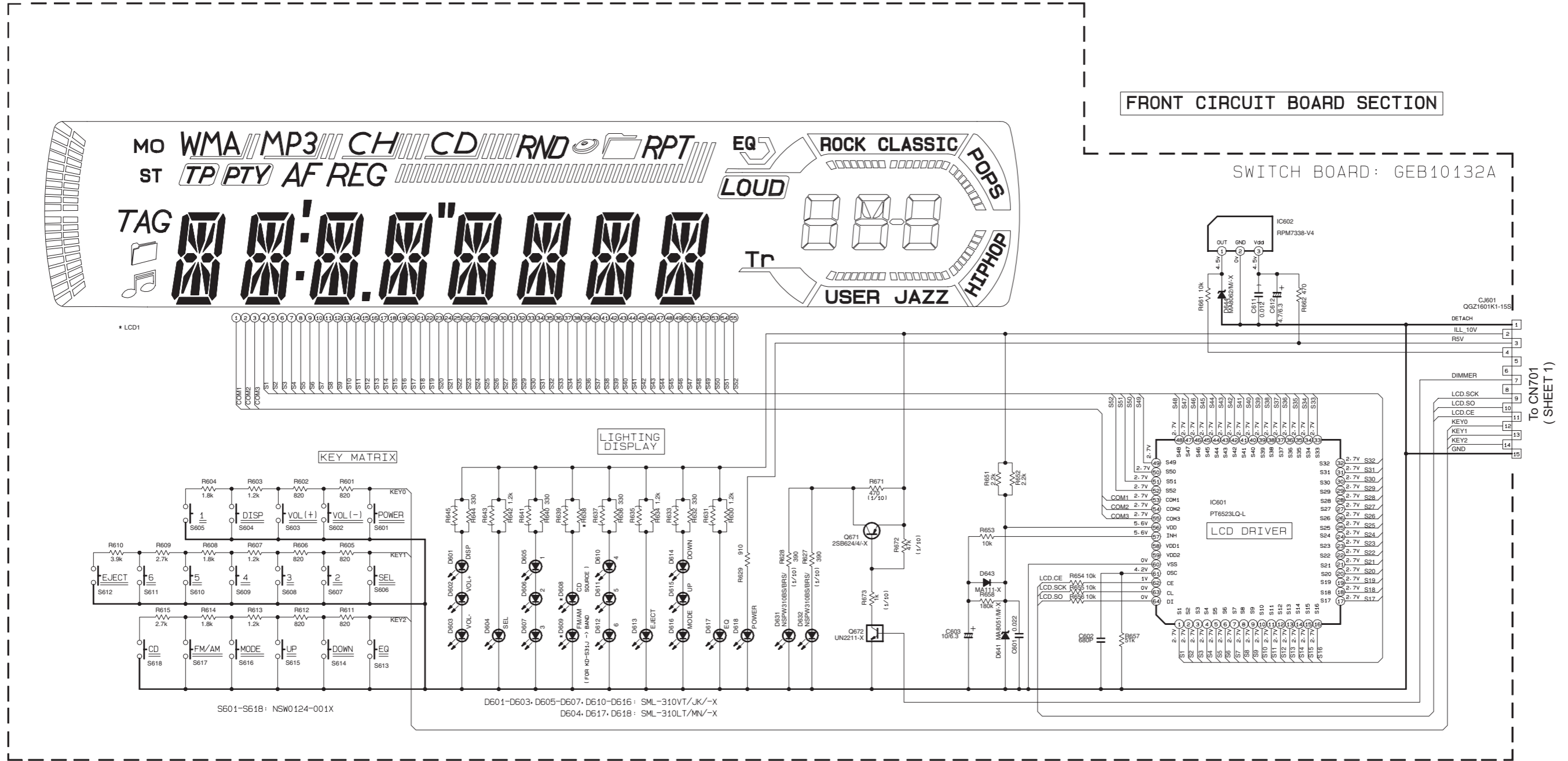
		UN2211-X
		UN2111-X

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MODEL KD-S31J2
KD-G415U2 SERIES
KD-G416U2 SERIES

■ LCD & key control section

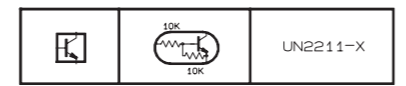


FRONT CIRCUIT BOARD SECTION

SWITCH BOARD: GEB10132A

*REMARK

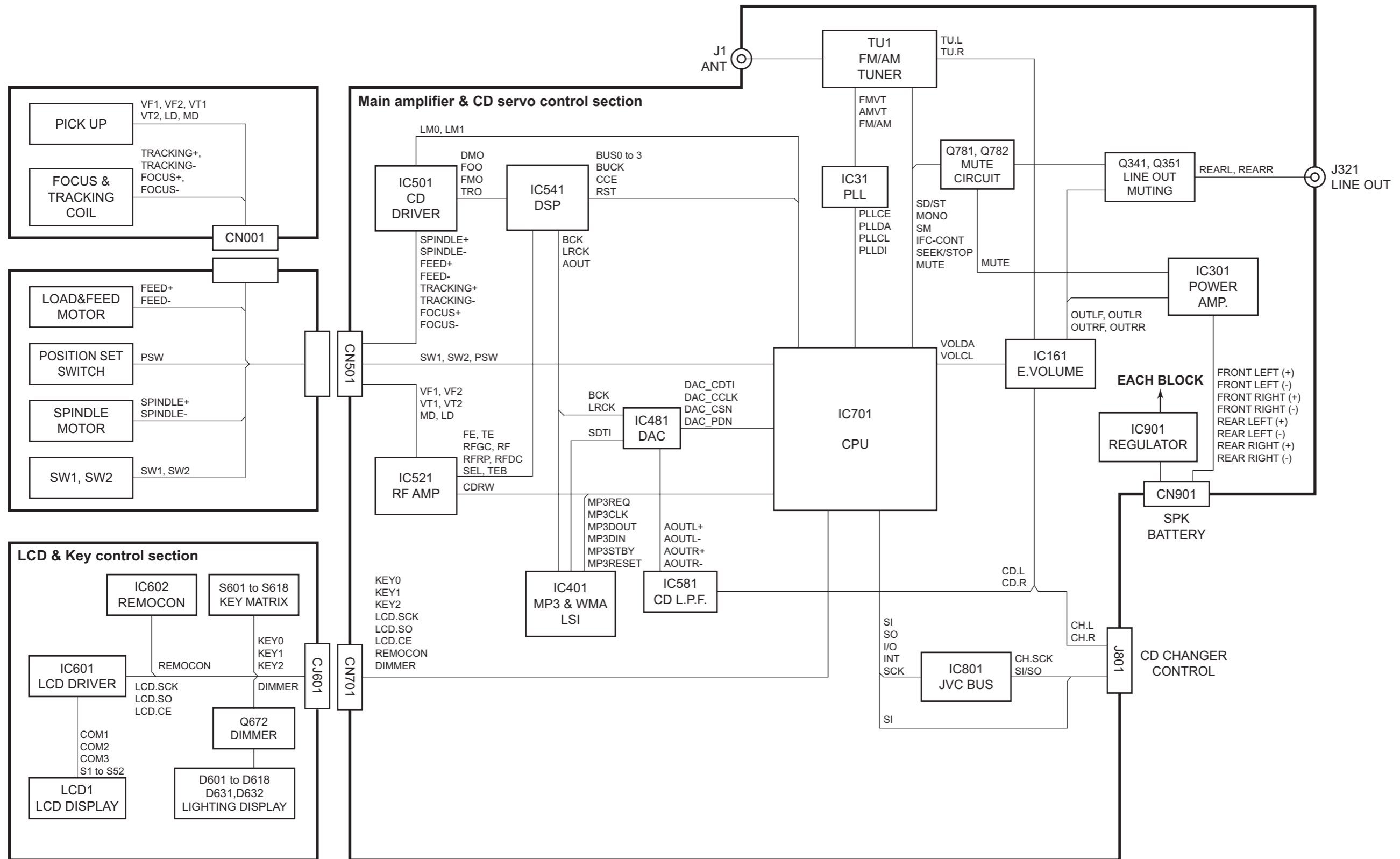
MODEL	KD-G415U2	KD-G416U2	KD-S31J2
LCD1	QLD0355-001	QLD0355-001	QLD0350-001
D608, D609	SML310VT/JK/-X	SML310VT/JK/-X	SML310LT/MN/-X
R638	470	470	510



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KD-S31J2
KD-G415U2 SERIES
KD-G416U2 SERIES

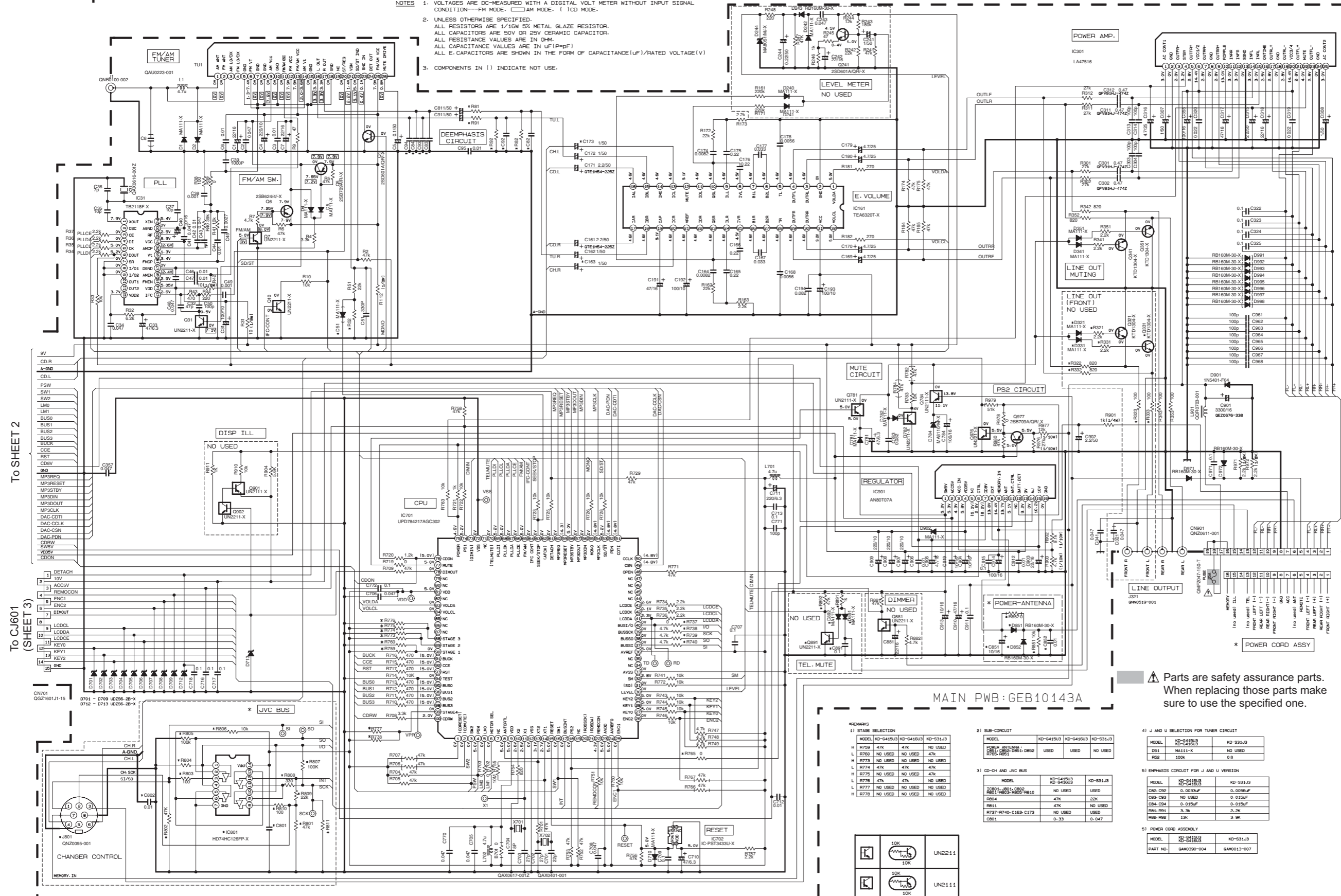
Block diagram (for UH3, UN3 and U3 version)



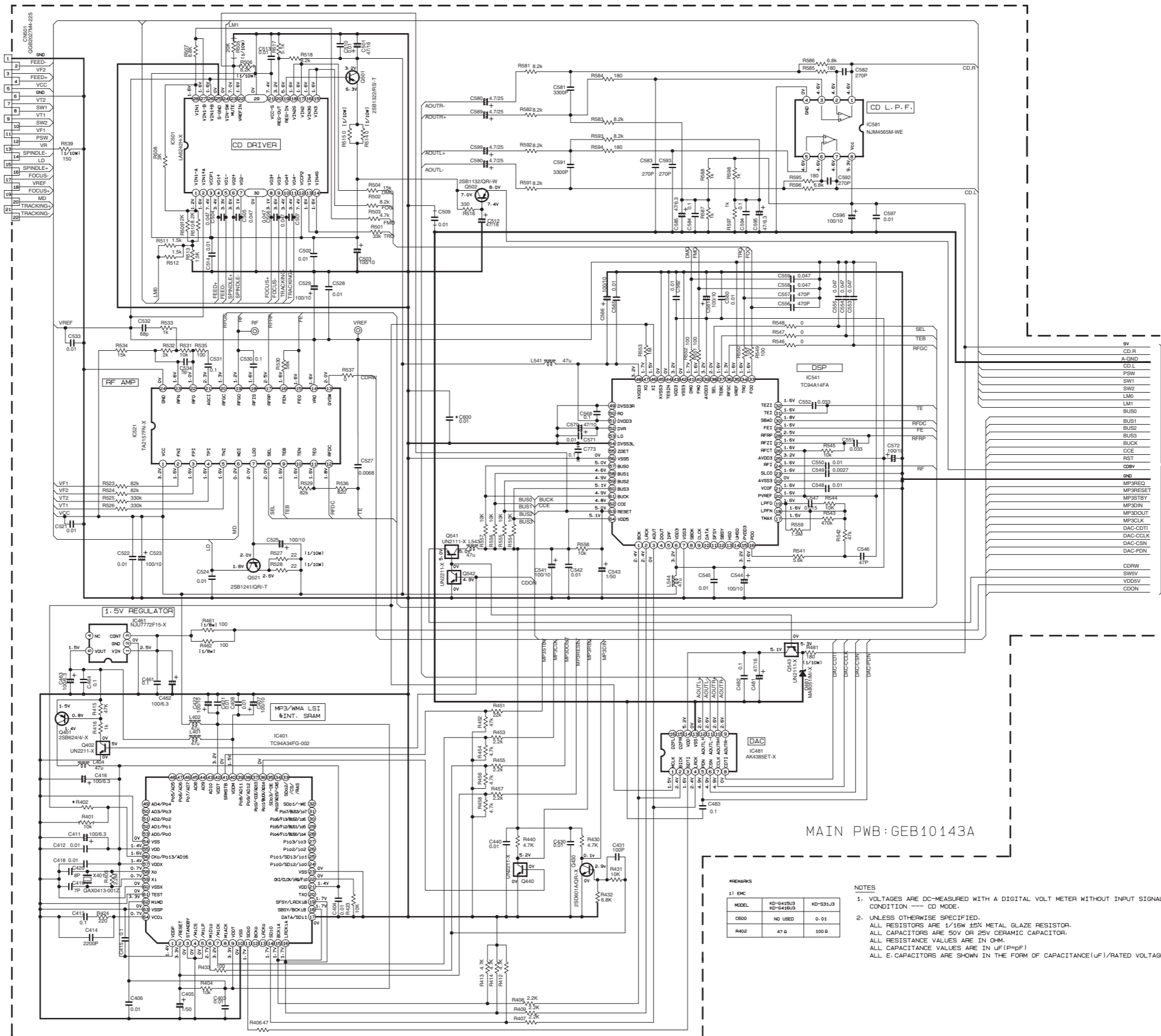
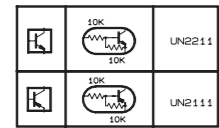
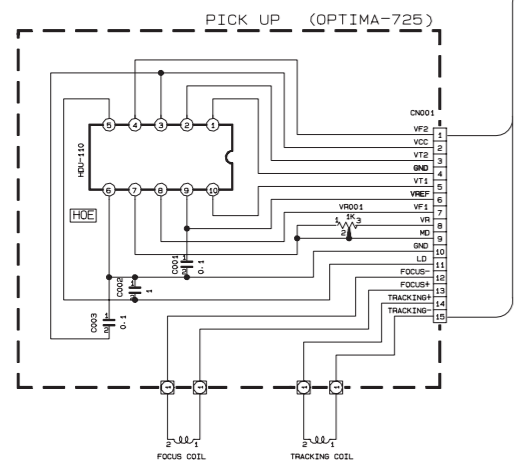
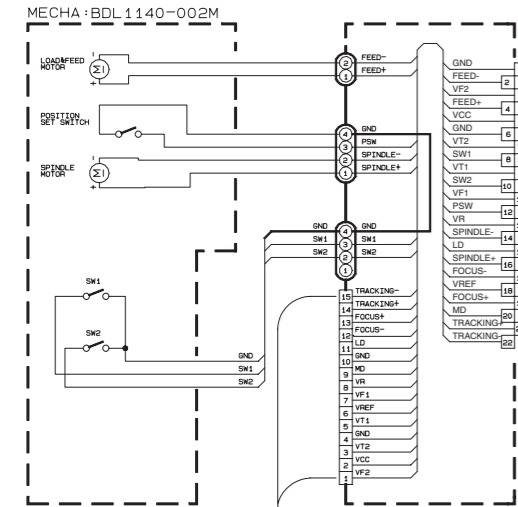
Standard schematic diagrams (for UH3, UN3 and U3 version)

Main amplifier section

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CD servo control section



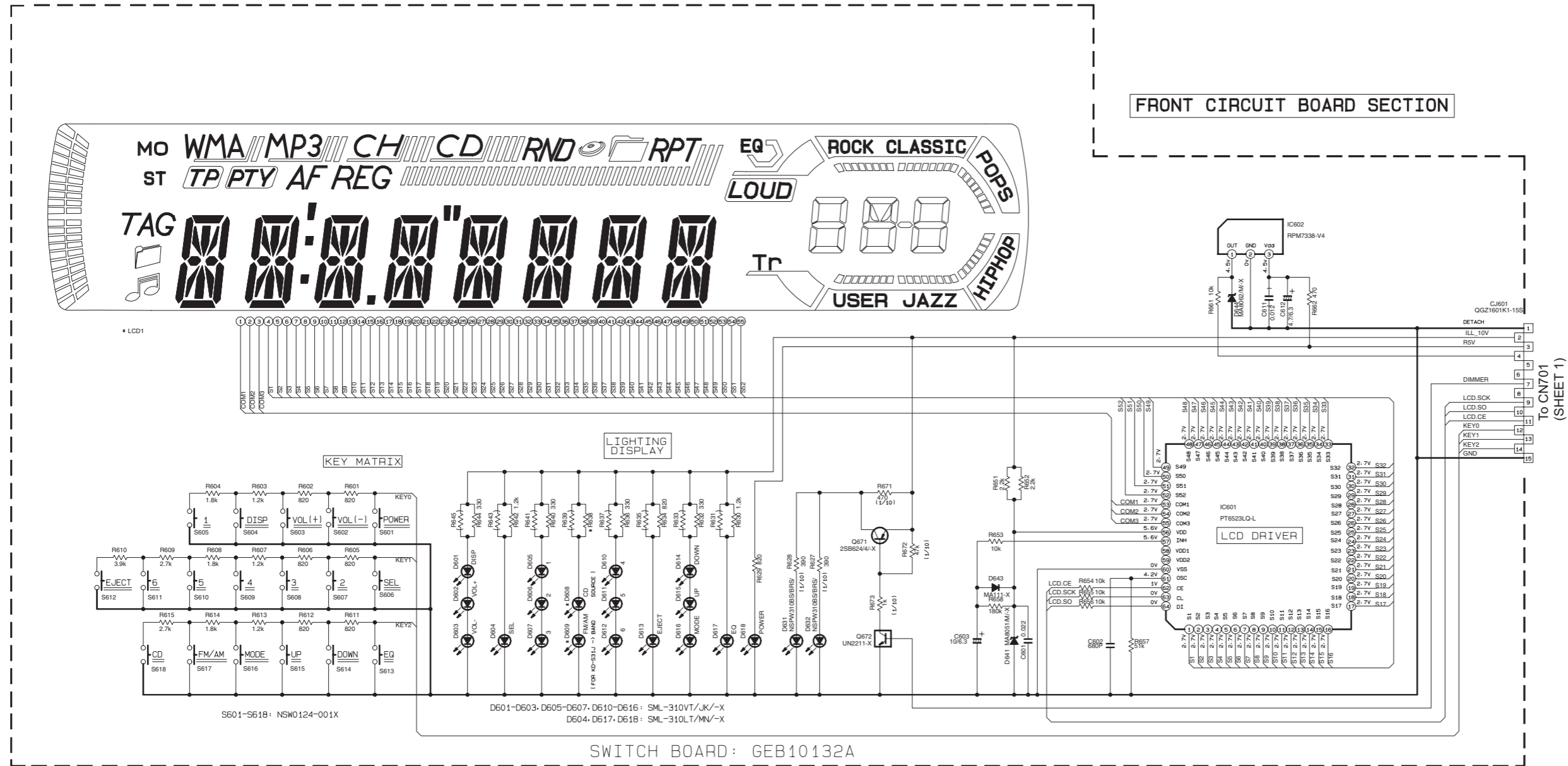
REMARKS

11	ENC		
MODEL	KD-S415/3	KD-S31/3	
D000	NO USED	0.01	
R402	47 Ω	100 Ω	

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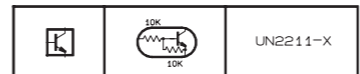
TO SHEET 1

■ LCD & Key control section



*REMARK

MODEL	KD-G415U3	KD-G416U3	KD-S31J3
LCD1	QLD0355-001	QLD0355-001	QLD0355-001
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R638	470	470	510



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JVC

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