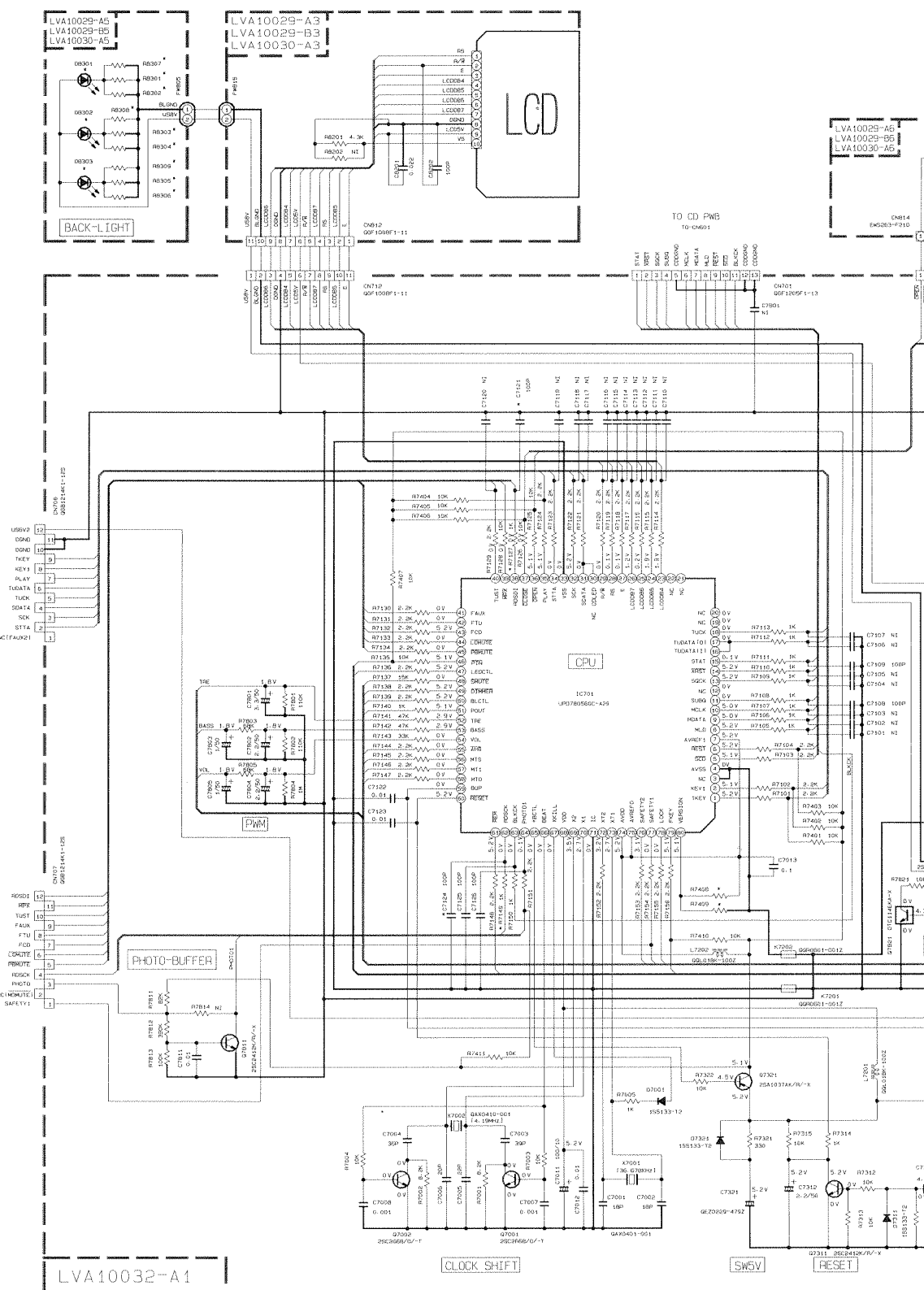


Standard Schematic Diagrams

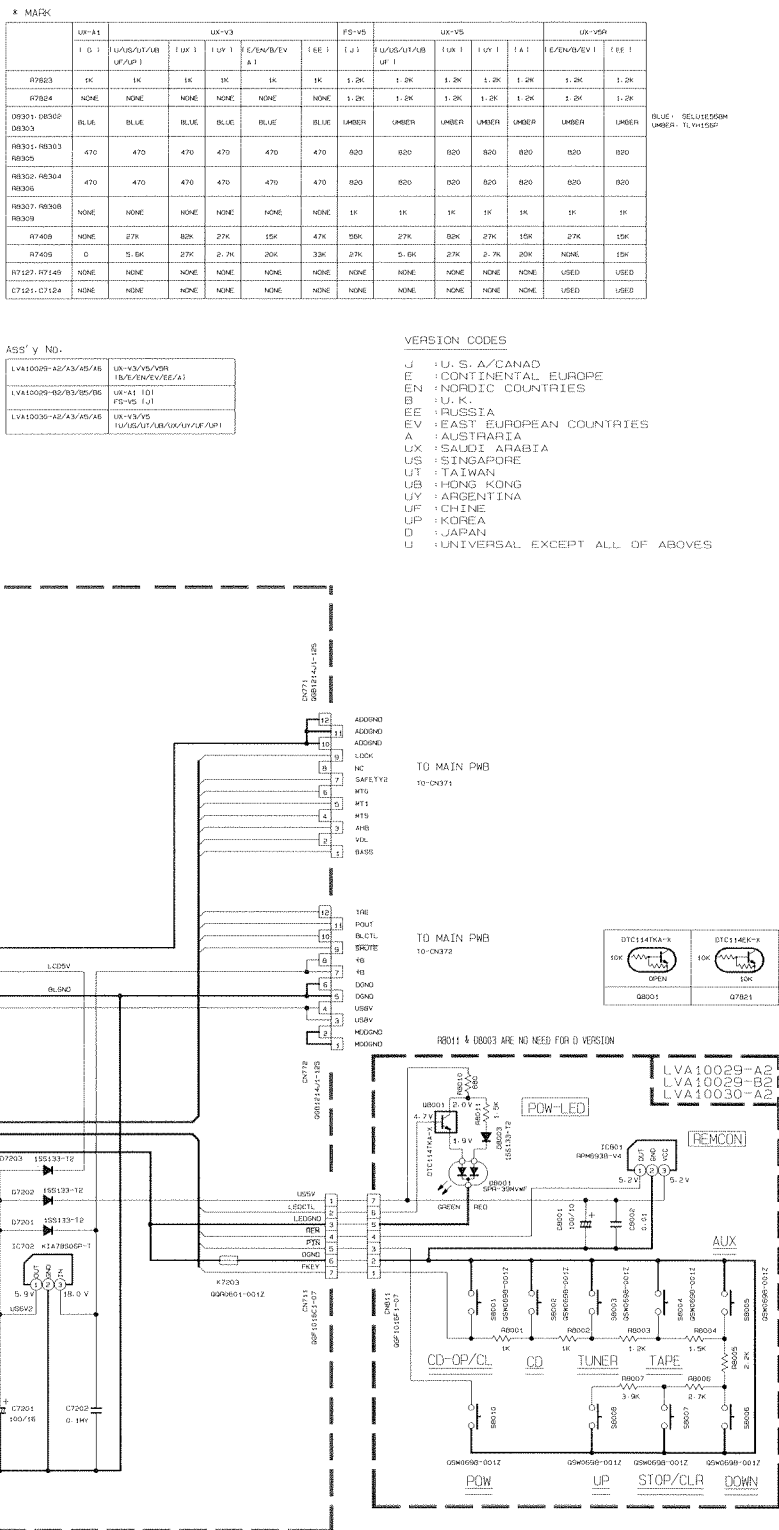
■ Display Circuit for UX-V3/V5/V5R/FS-V5



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION: --- CD STOP MODE

2. UNLESS OTHERWISE SPECIFIED:
ALL RESISTORS ARE 1/10W ±5% METAL GLAZE RESISTOR.
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITANCE VALUES ARE IN PICO(PpF).
ALL INDUCTANCE VALUES ARE IN MICRO(MH).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(μF)/RATED VOLTAGE (V).

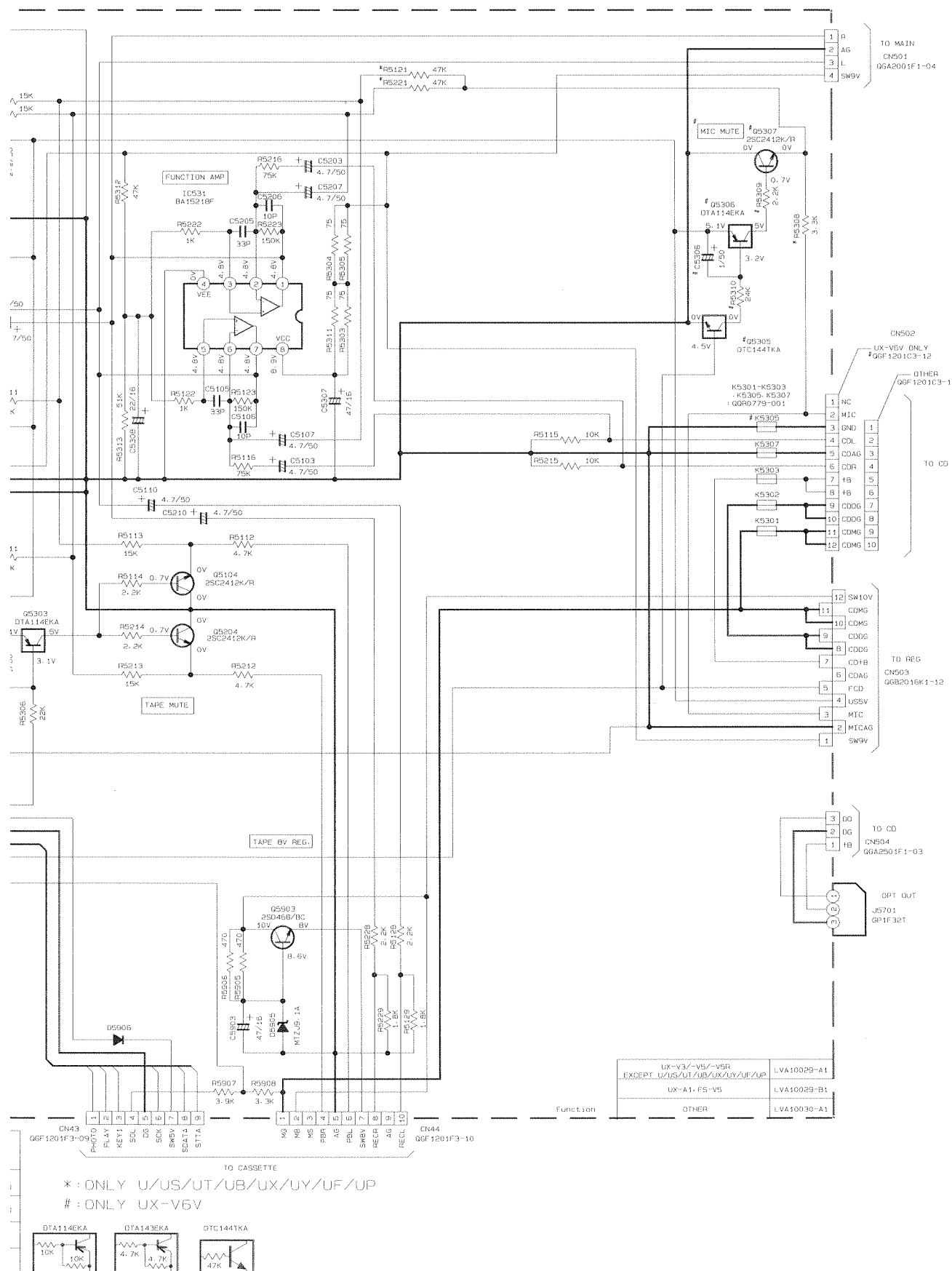


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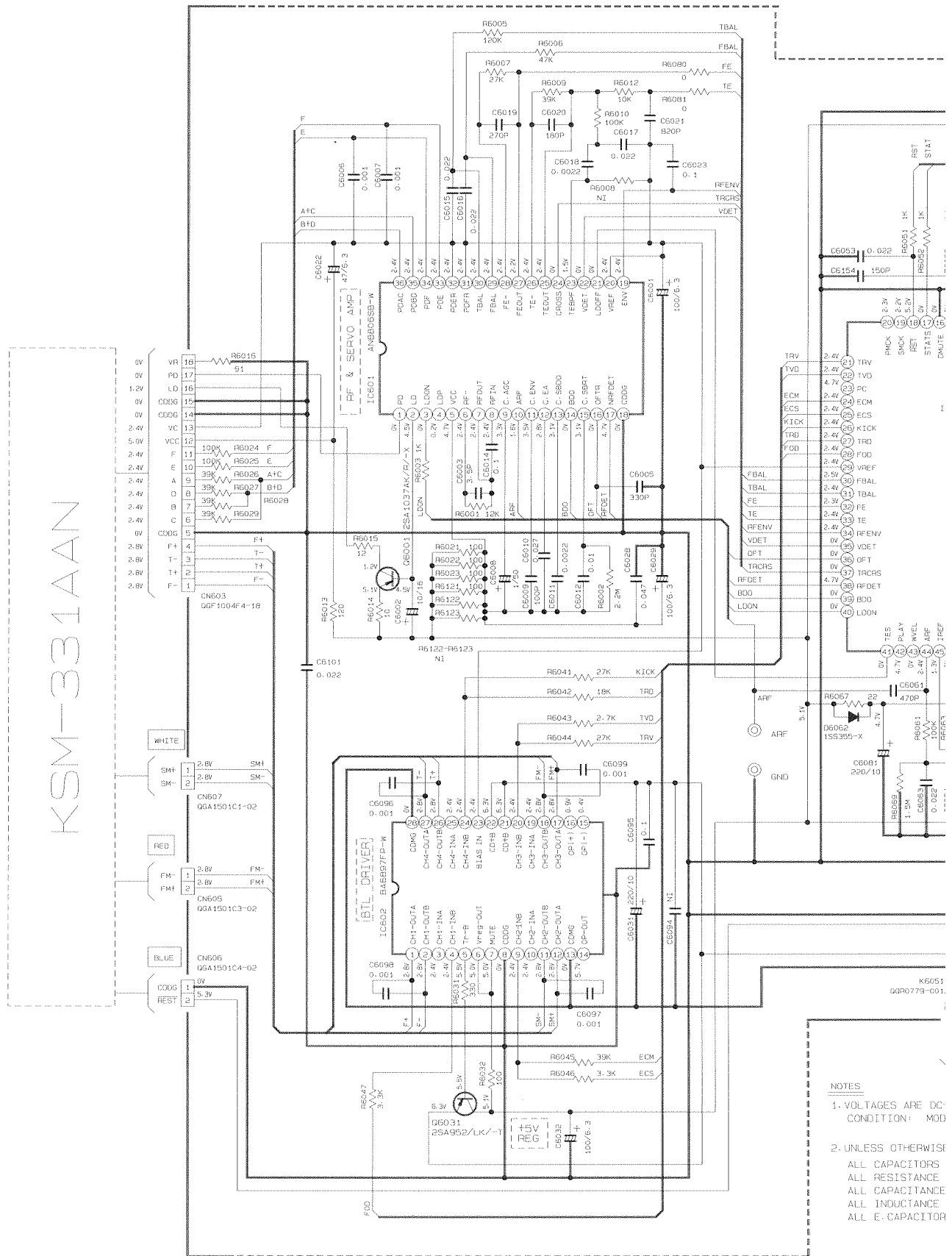


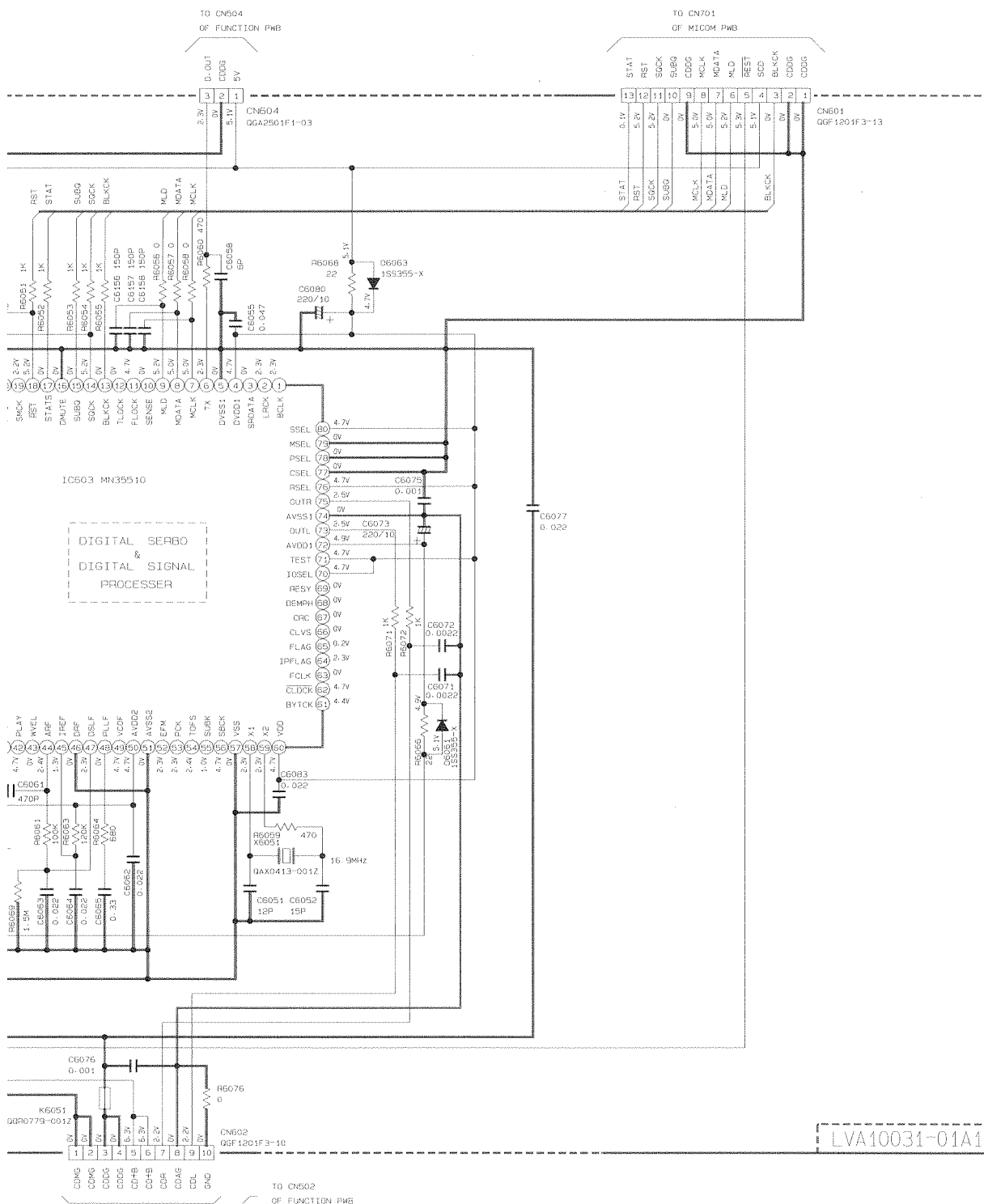
- | | S5501 | S5502 | S5503 | S5504 | S5505 | S5506 | VOLUME | | S5509 |
|--------------------|----------|-----------|---------------------|-----------------|-------|------------------|--------|-------|----------------|
| | | | | | | | S5507 | S5508 | |
| UX-A1 | TAPE REC | REV. MODE | | SLEEP | CLOCK | TIMER/
SNOOZE | + | - | S. BASS
PRO |
| FS-V5
UX-V3/-V5 | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | ↑ | AHB PRO |
| UX-V5A | ↑ | ↑ | PTY/EON | DISPLAY
MODE | ↑ | ↑ | ↑ | ↑ | ↑ |
| UX-V6V | ↑ | ↑ | KARAOKE
MODE/MPX | VCD
NUMBER | ↑ | ↑ | ↑ | ↑ | ↑ |

UX-V3/UX-V5
UX-V5R/FS-V5

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CD Servo Circuit





S ARE DC-MEASURED WITH A DIGITAL VOLT METER
ON: MODE : STOP

OTHERWISE SPECIFIED.

*CAPITORS ARE 50V CERAMIC CAPACITOR OR 50V MYLAR CAPACITOR.

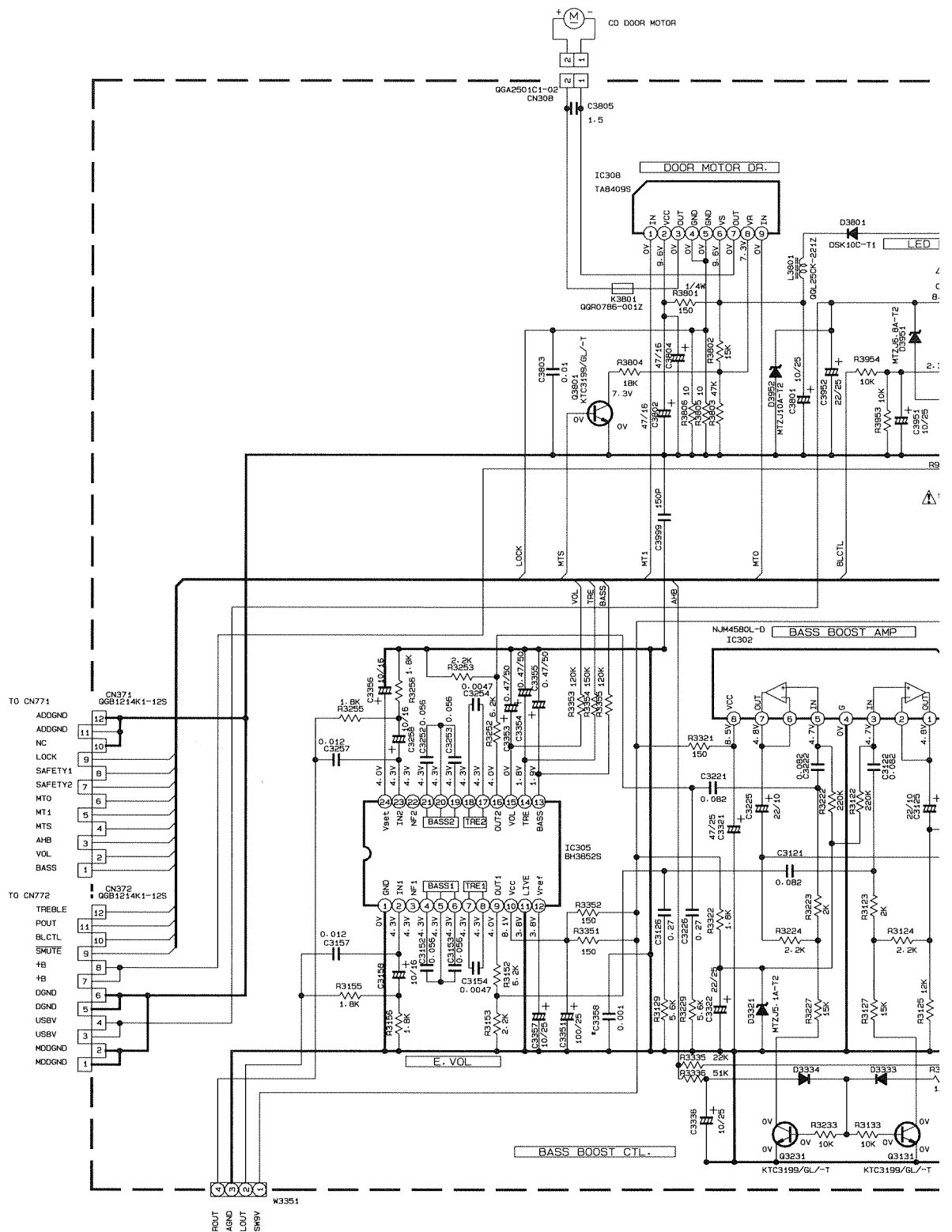
†DISTANCE VALUES ARE IN OHM (Ω).

*CAPITANCE VALUES ARE IN μF (pF).

†DUCTANCE VALUES ARE IN HENRY (H).

*CAPITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).

■ Power Amplifier Circuit for UX-V3/V5/V5R/FS-V5

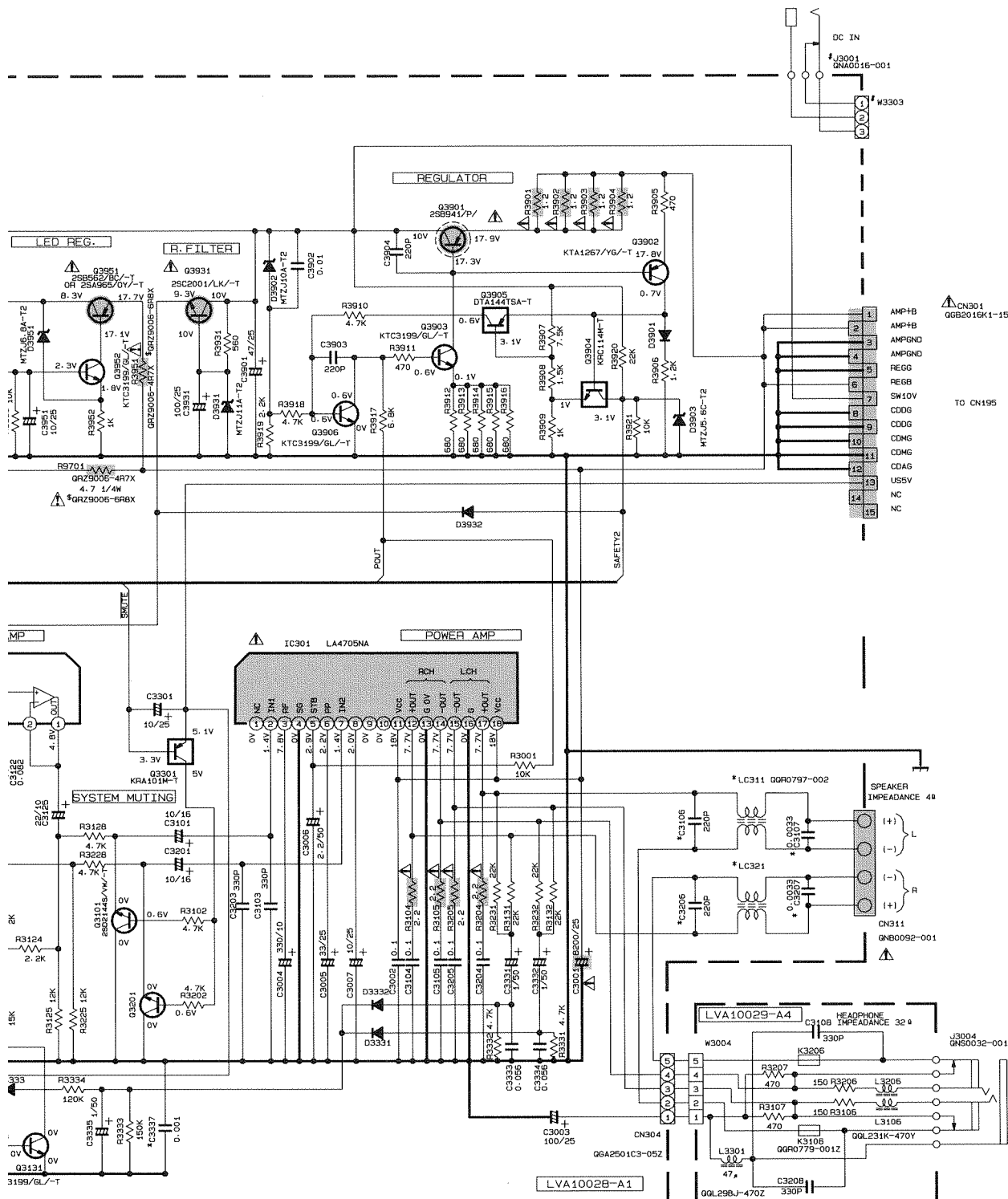


NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION — FUNC. CD STOP MODE

2. UNLESS OTHERWISE SPECIFIED
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAP
ALL CAPACITANCE VALUES ARE IN μF(P=pF).
ALL INDUCTANCE VALUES ARE IN mH(m=mH).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACIT
ALL DIODES ARE 1SS133

UX-V3/UX-V5 UX-V5R/FS-V5



* : E/EN/B/EE/EV/A ONLY
: EN ONLY

\$: FS-V5 ONLY

MYLAR CAPACITOR.

F CAPACITANCE (μF)/RATED VOLTAGE (V).



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

E

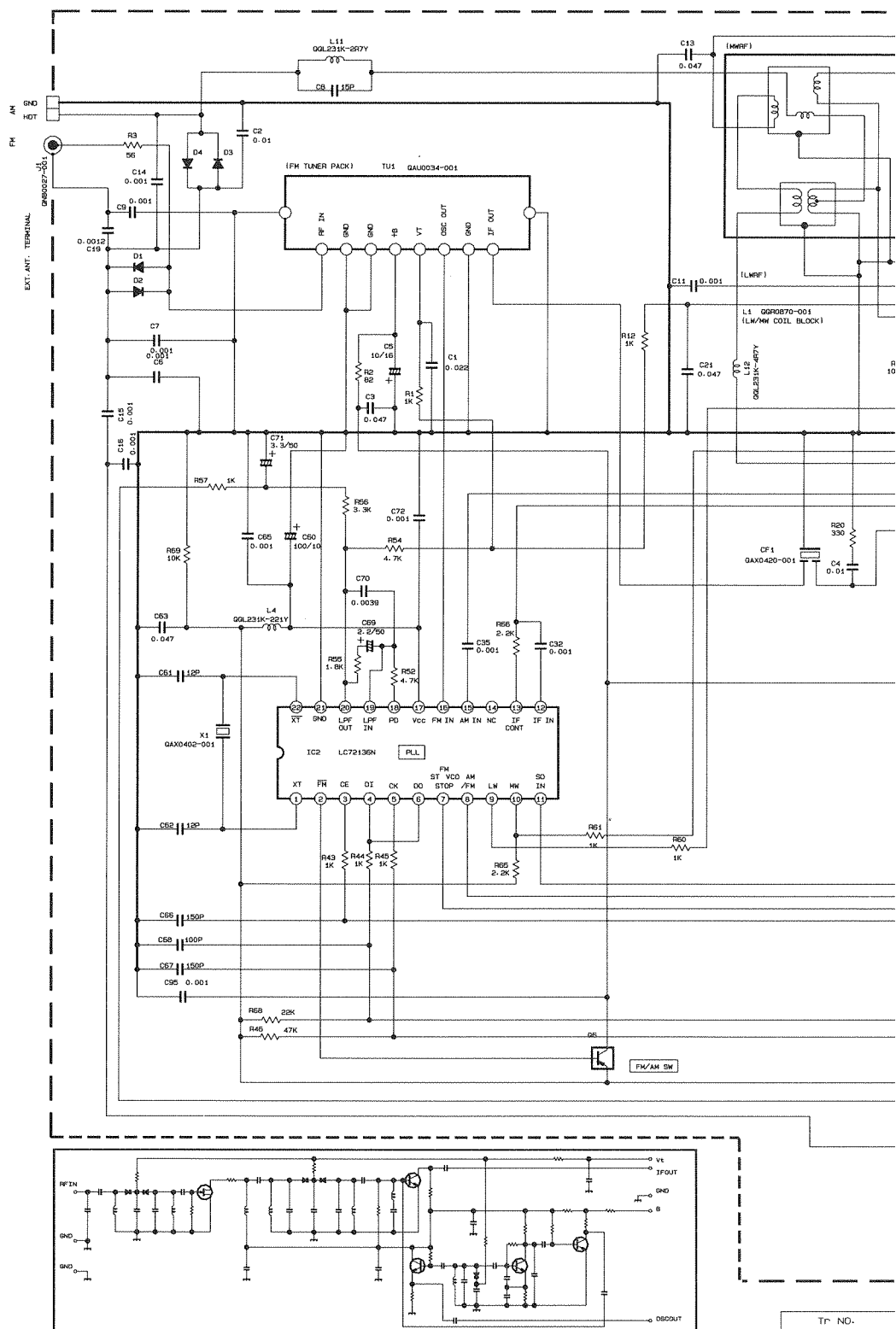
F

G

H

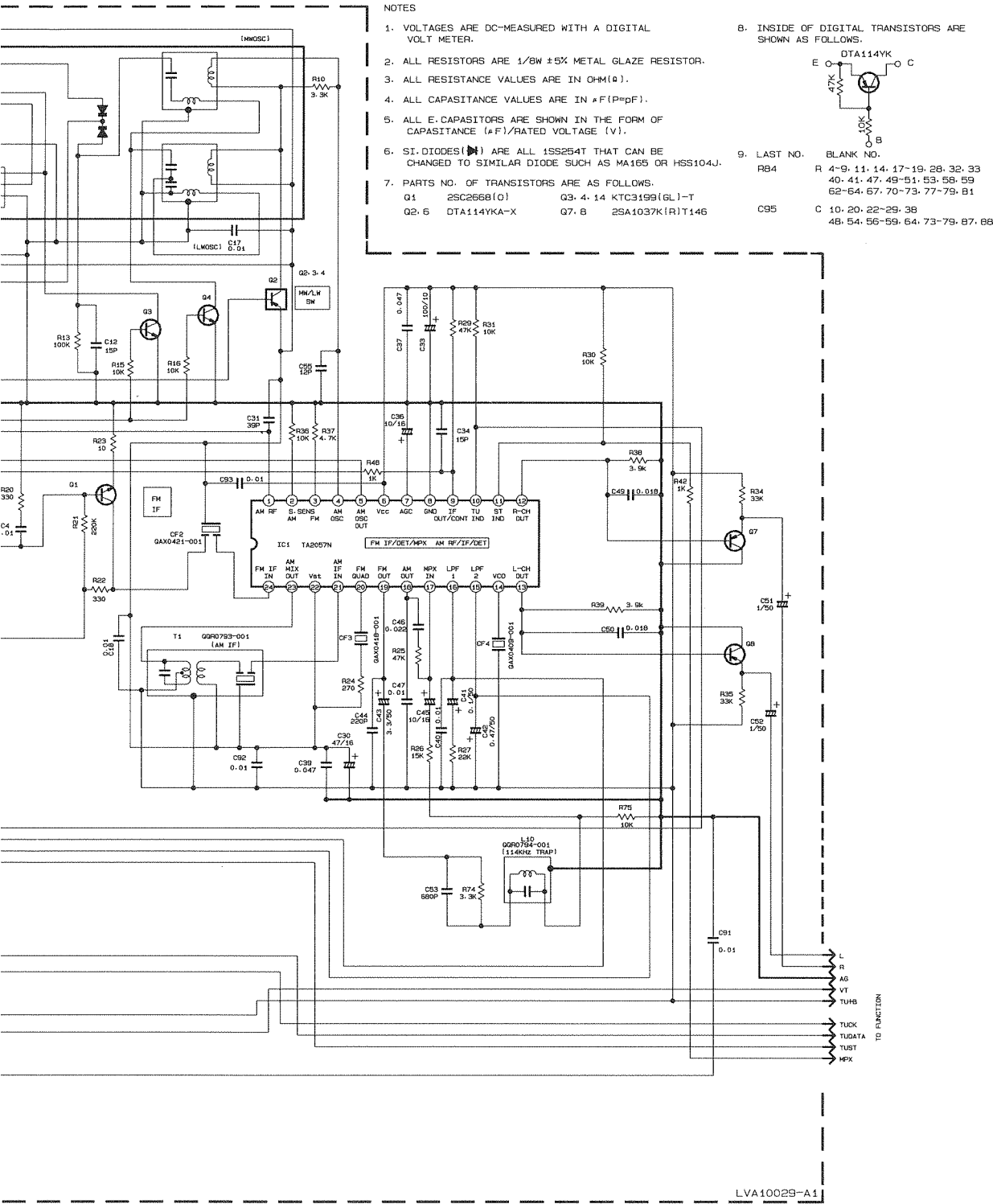
I

■ Tuner Circuit for UX-V3/V5/FS-V5



CONDITION	PIN NO.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
IC1	FM NO SIGNAL	2.0	0.5	0	2.0	5.1	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.4	3.7	1.4	0	1.3	1.1	2.0	2.0	5.1	2.0	
	FM 60dB STEREO	2.0	0.5	0	2.0	5.0	5.1	0	0	0.3	5.1	5.1	1.1	1.1	4.5	0.1	0	1.4	1.4	1.5	1.6	2.0	2.0	5.1	2.0
	AM NO SIGNAL	2.4	0	0	5.1	5.0	5.1	3.7	3.7	2.0	3.8	5.1	0	0	0	2.6	5.1	1.0	1.0	3.7	0	2.7			
IC2	FM NO SIGNAL	2.0	2.5	2.5	2.5	5.0	0	2.5	2.5	0	0	0	5.0	2.4	2.4	2.5	2.5								
IC4	FM NO SIGNAL	2.0	2.5	2.5	2.5	5.0	0	2.5	2.5	0	0	0	5.0	2.4	2.4	2.5	2.5								

Tr. NO.	PIN NO.
FM 87.5MHZ NO SIGNAL	
AM 522KHZ NO SIGNAL	
Tr. NO.	PIN NO.
AM 522KHZ NO SIGNAL	
AM 144KHZ NO SIGNAL	

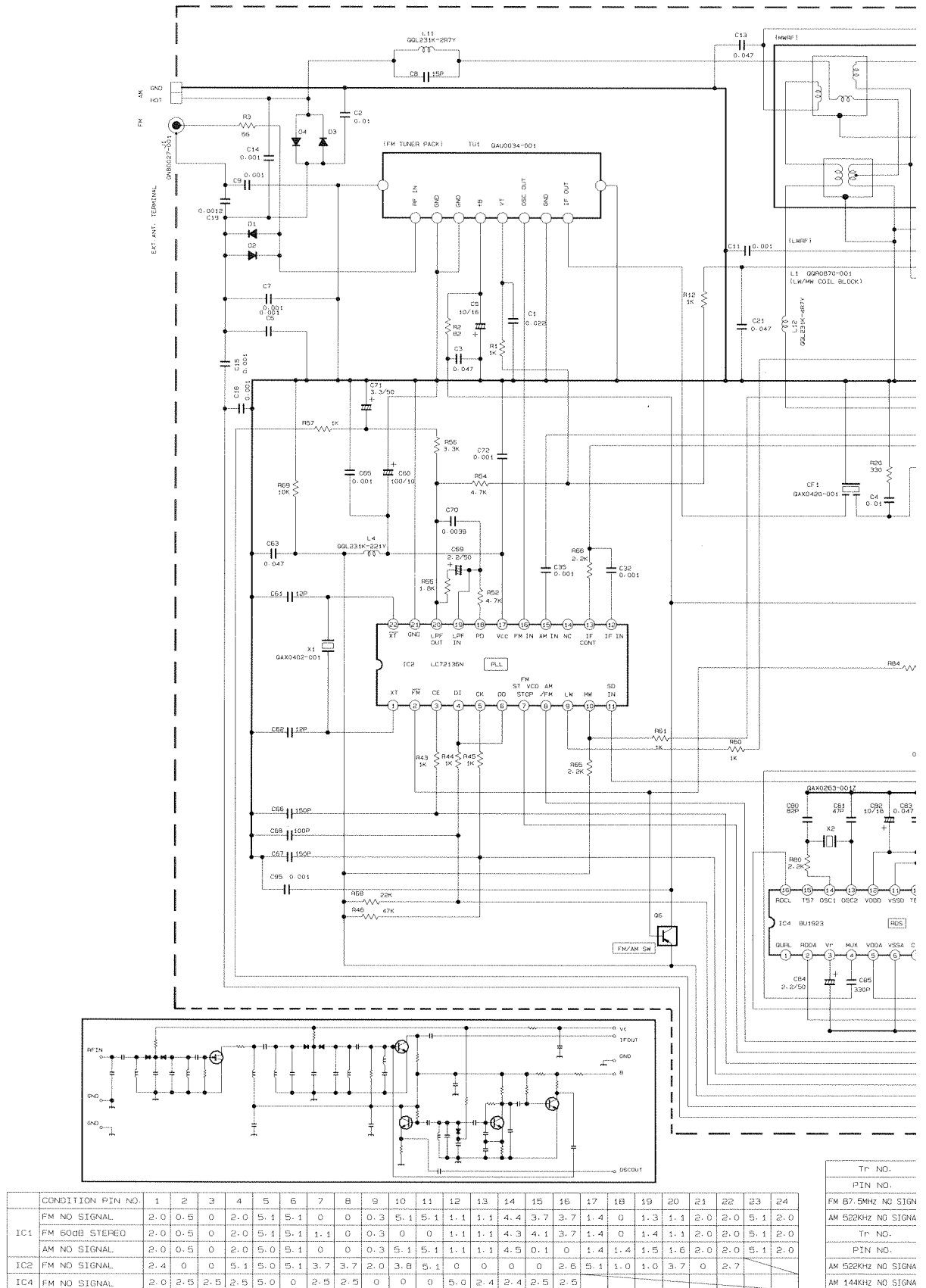


NO.	G1			G5			G7			G8			G14		
NO.	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
IZ NO SIGNAL	0	7.5	0.7	8.8	8.7	0	1.6	0	1.1	1.6	0	1.1	5.1	5.1	4.5
: NO SIGNAL	0	0	0	8.8	0	8.7	1.6	0	1.1	1.6	0	1.1	5.1	0.1	8.7

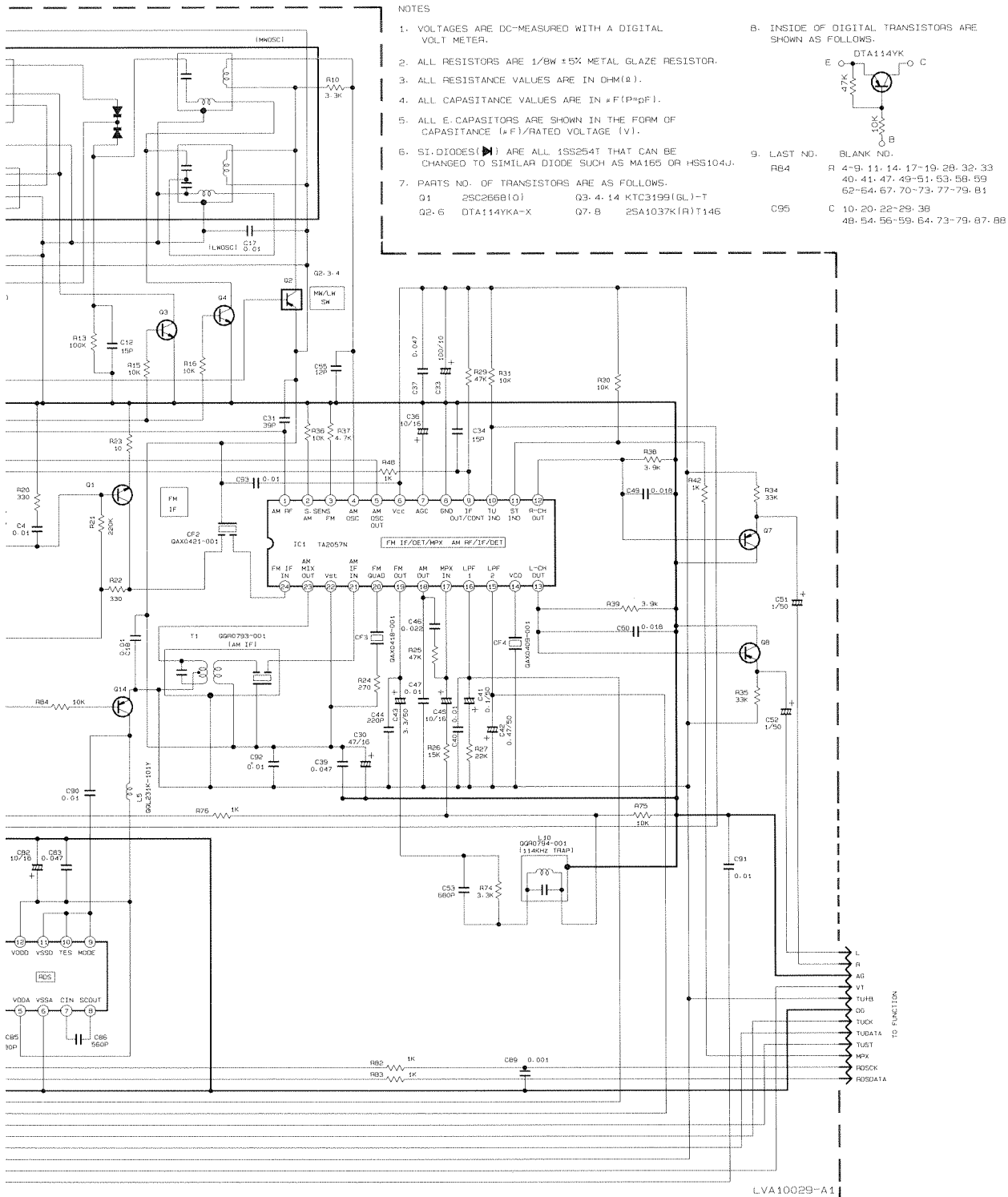
NO.	Q2			Q3			Q4		
NO.	E	C	B	E	C	B	E	C	B
: NO SIGNAL	2.0	2.0	0.1	0	0	0.7	0	0	0.7
: NO SIGNAL	2.0	2.0	2.0	0	0	0.1	0	0	0.1

E/B/EN/EV/A

■ Tuner Circuit for UX-V5R



UX-V3/UX-V5
UX-V5R/FS-V5



Tr. NO.	Q1			Q5			Q7			Q8			Q14		
IN NO.	E	C	B	E	C	B	E	C	B	E	C	B	E	C	B
3MHz NO SIGNAL	0	7.5	0.7	8.8	8.7	0	1.6	0	1.1	1.6	0	1.1	5.1	5.1	4.5
4Hz NO SIGNAL	0	0	0	8.8	0	8.7	1.6	0	1.1	1.6	0	1.1	5.1	0.1	8.7

Tr. NO.	Q2			Q3			Q4		
IN NO.	E	C	B	E	C	B	E	C	B
4Hz NO SIGNAL	2.0	2.0	0.1	0	0	0.7	0	0	0.7
4Hz NO SIGNAL	2.0	2.0	2.0	0	0	0.1	0	0	0.1

E/B/EN/EV/A

E

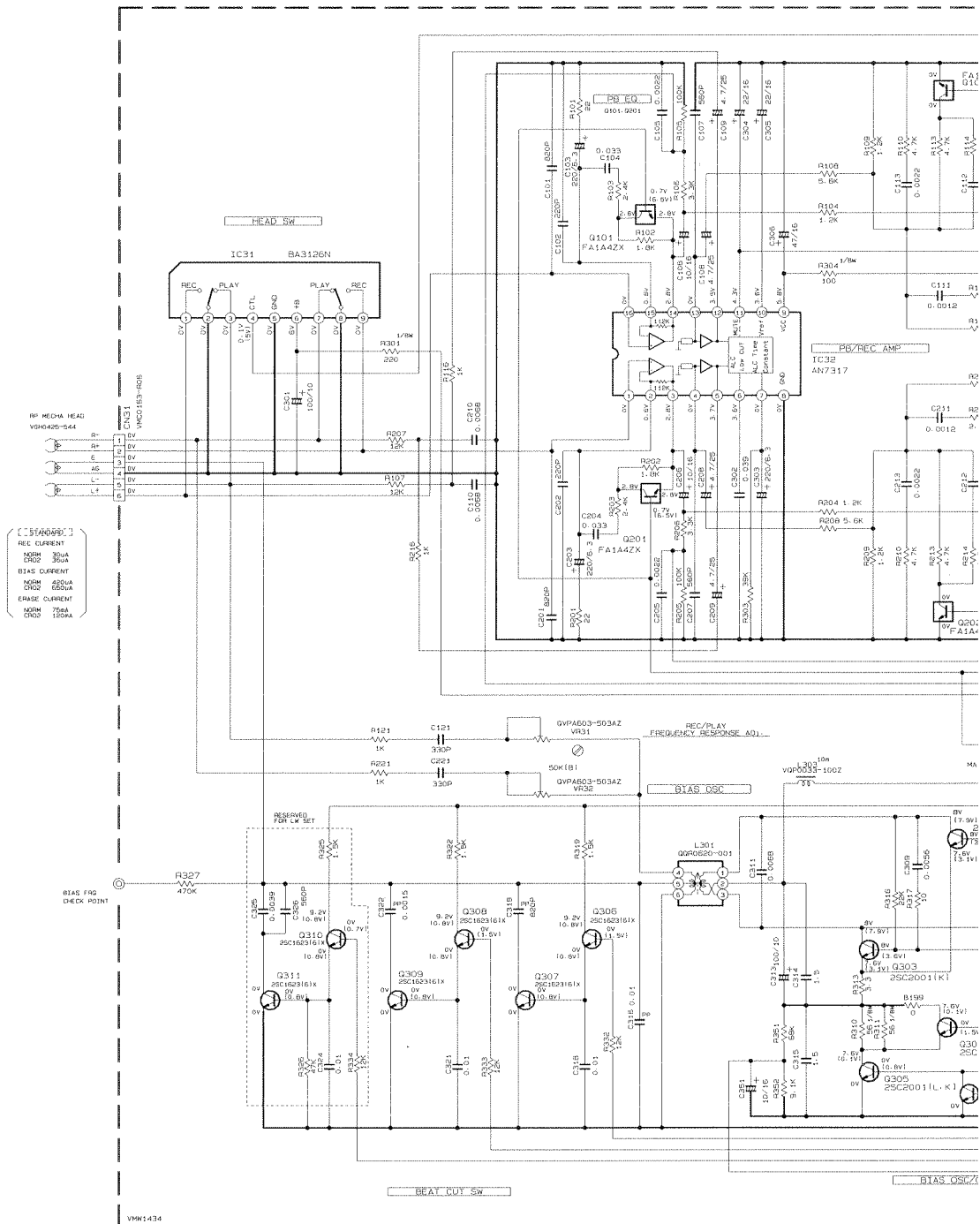
F

G

H

I

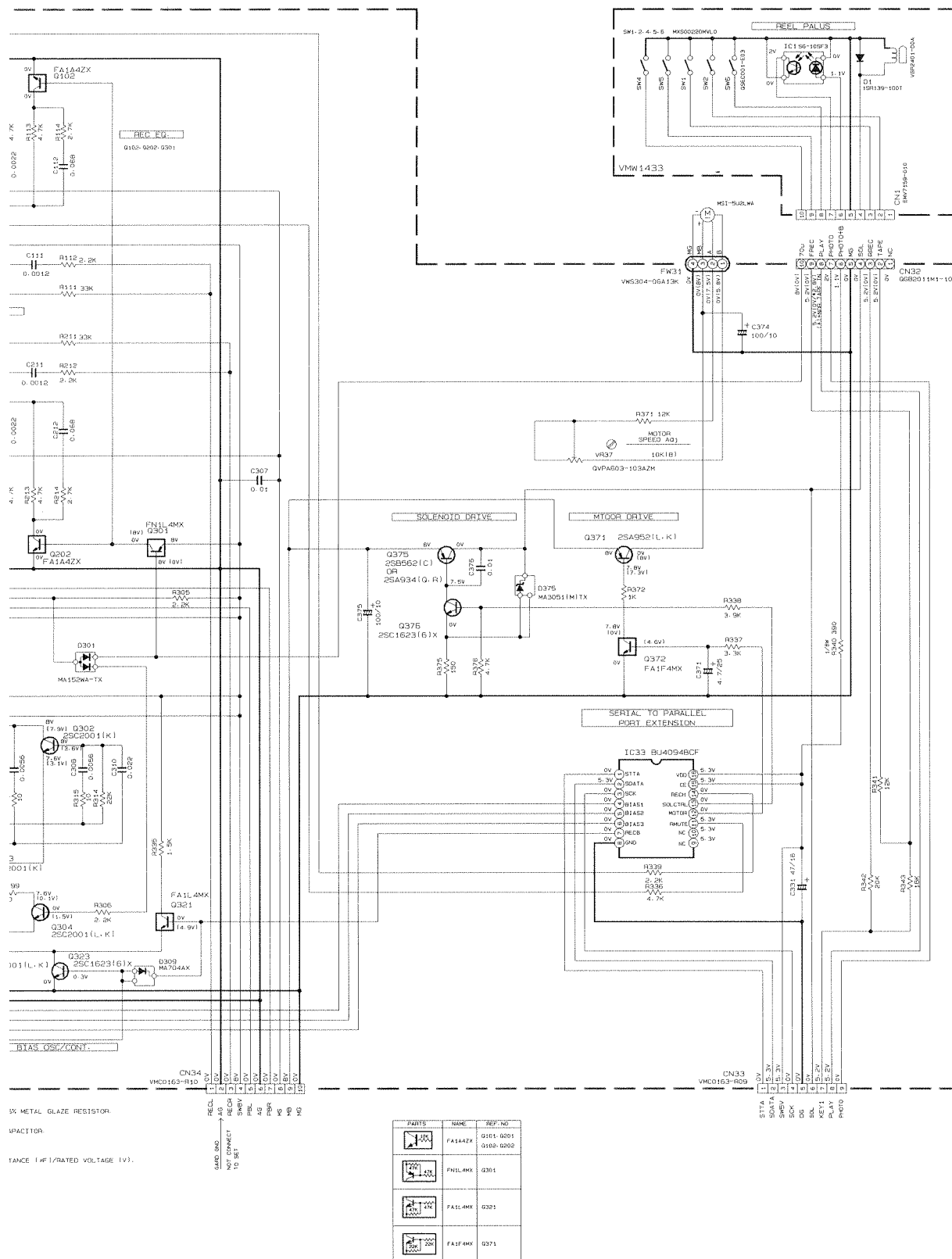
■ Cassette Amplifier Circuit



NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
OR OSCILLOSCOPE WITHOUT INPUT SIGNAL.
CONDITION - MECHA STOP MODE

2. UNLESS OTHERWISE SPECIFIED - RESISTORS ARE 1/10W ±5% METAL GLAZE
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITANCE VALUES ARE IN PICO(Π).
ALL INDUCTANCE VALUES ARE IN MICRO(μH).
ALL E-CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE 1# 1/RA1
POLYPROPYLENE CAPACITOR



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E

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