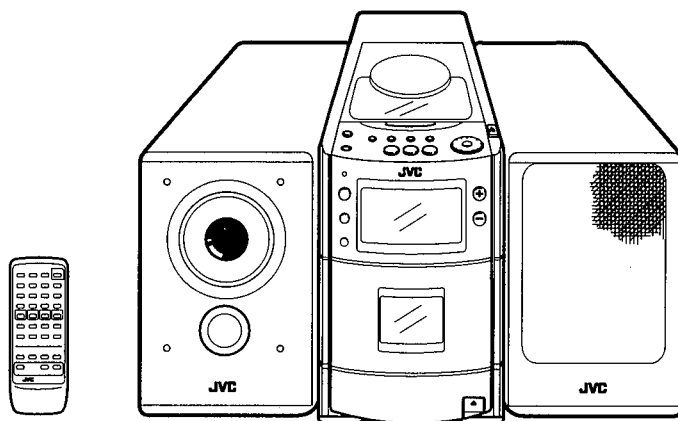


JVC

SERVICE MANUAL

MICRO COMPONENT SYSTEM

UX-T100 TN B/E/EN/G



Area Suffix

B.....	U.K.
E.....	Continental Europe
EN	North Europe
G	Germany

COMPACT
disc
DIGITAL AUDIO

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10. Block Diagram

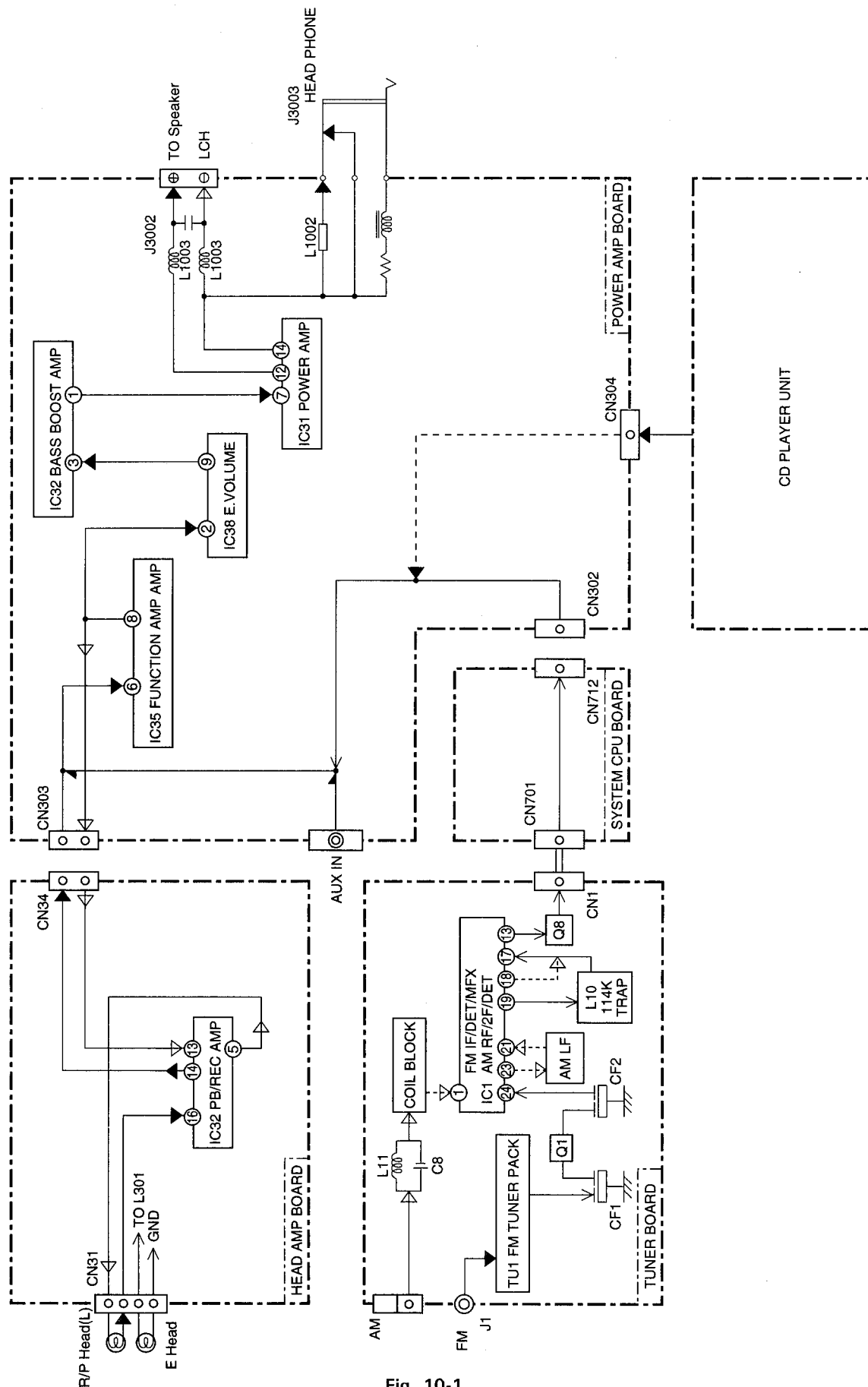
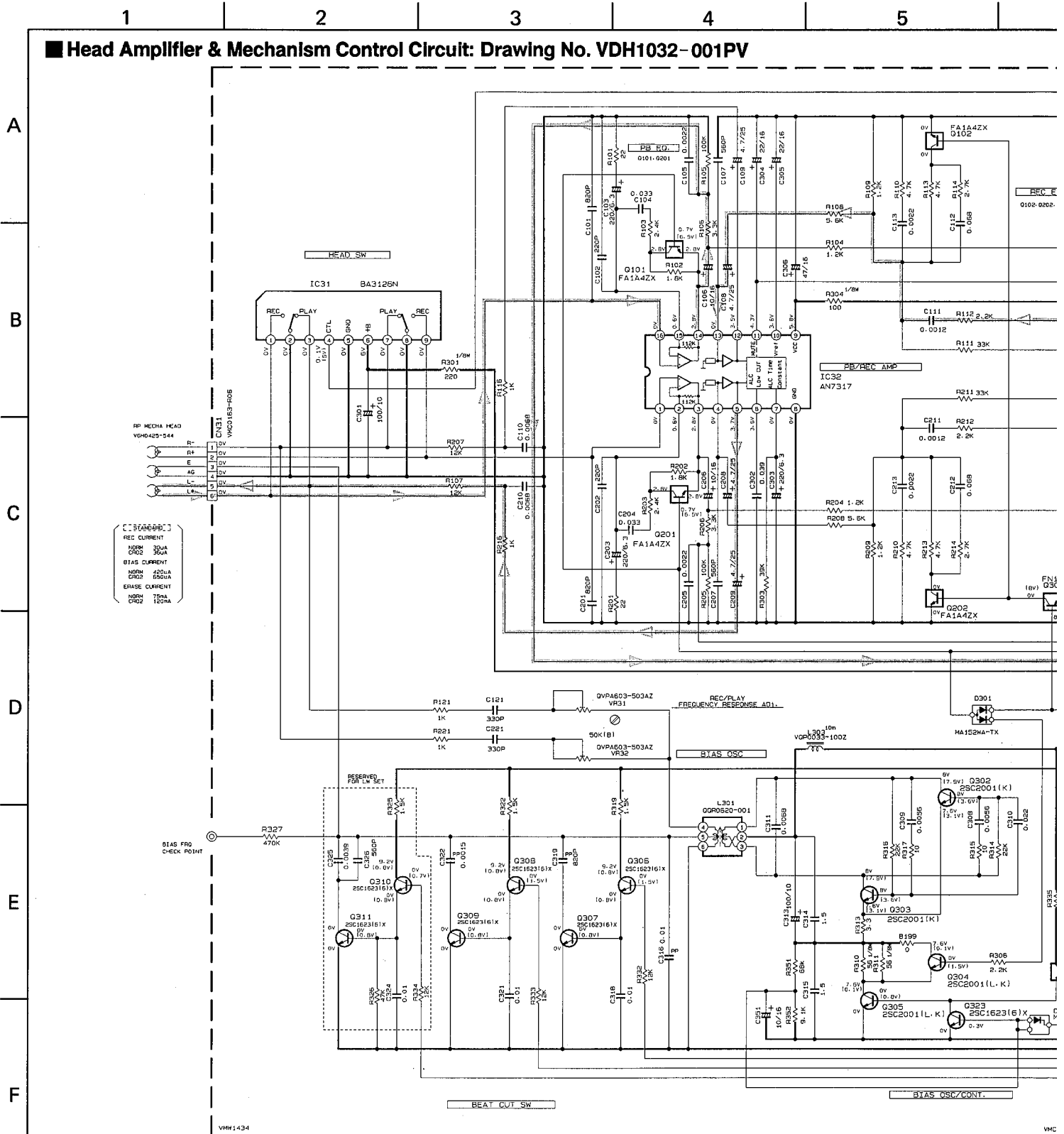


Fig. 10-1

11. Standard Schematic Diagrams



Note : VDH1032001PV. (s/G)

Fig. 11-1

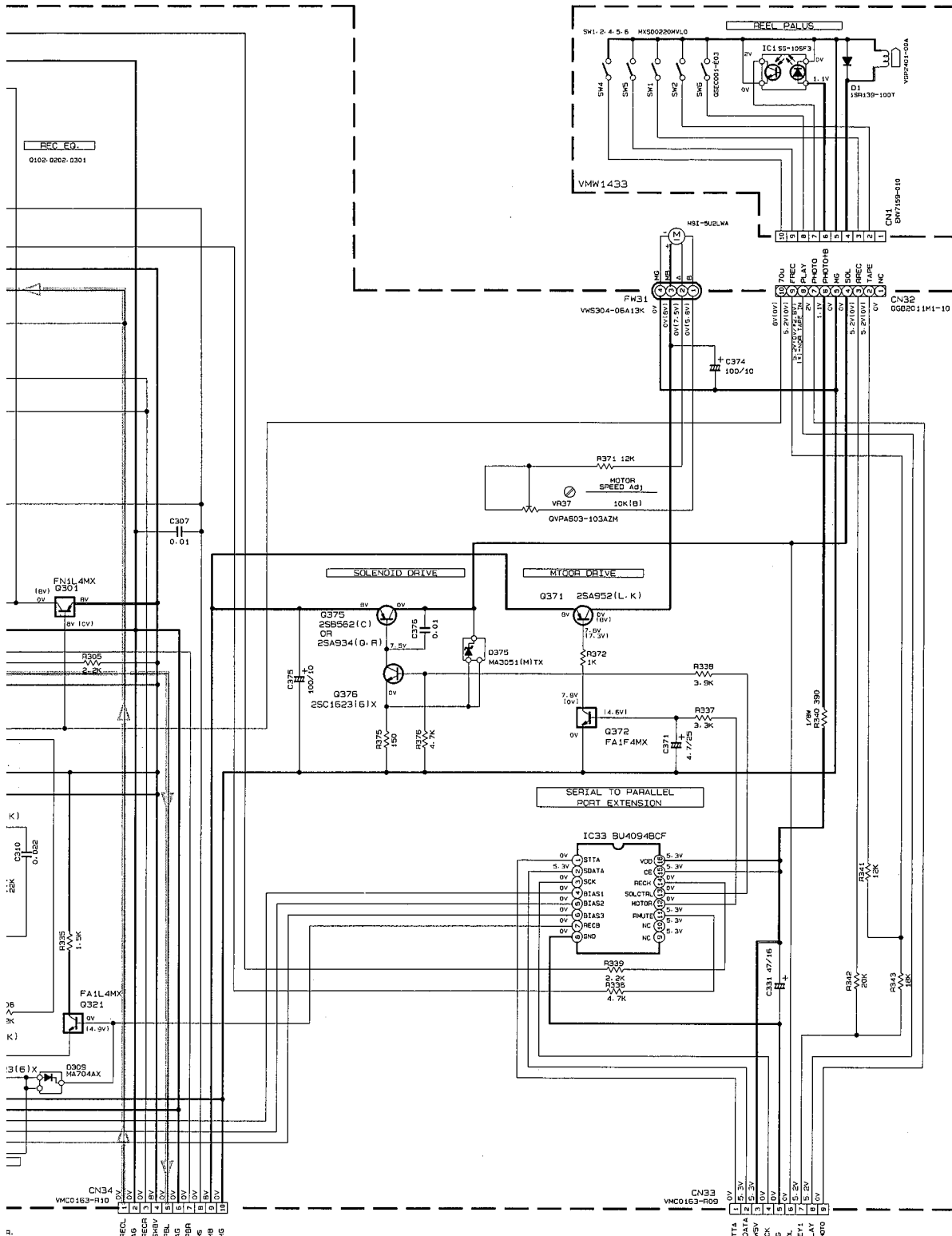
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DE [V].

11-1

Tape P.B/Main signal
REC/Main signal

+B Line

LCD & System CPU Circuit: Drawing No. VDH9316-001SV

A

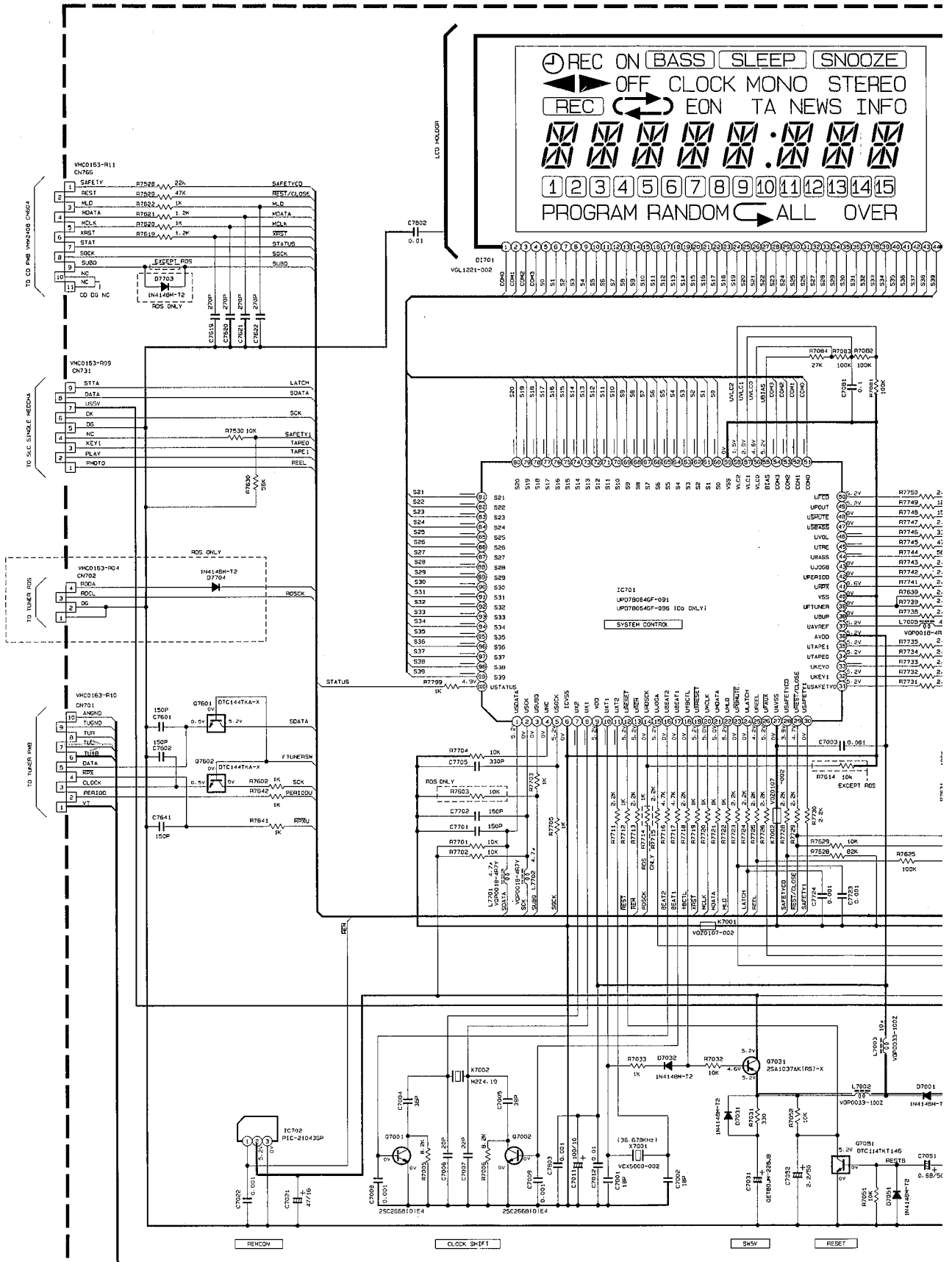
B

C


D

E

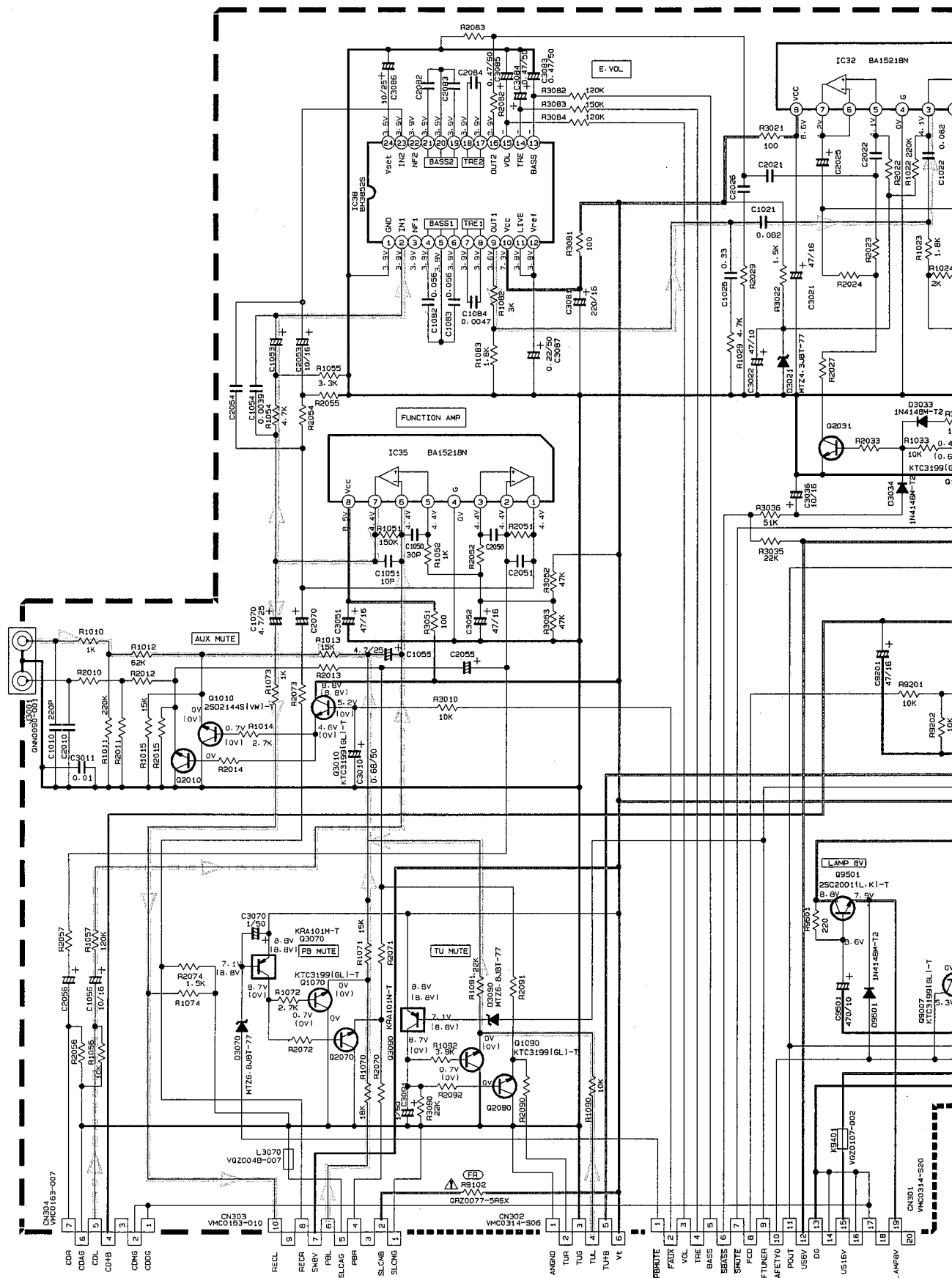
F





 +B Line

Function Amplifier & Power Amplifier Circuit: Drawing No. VDH9316-005AW

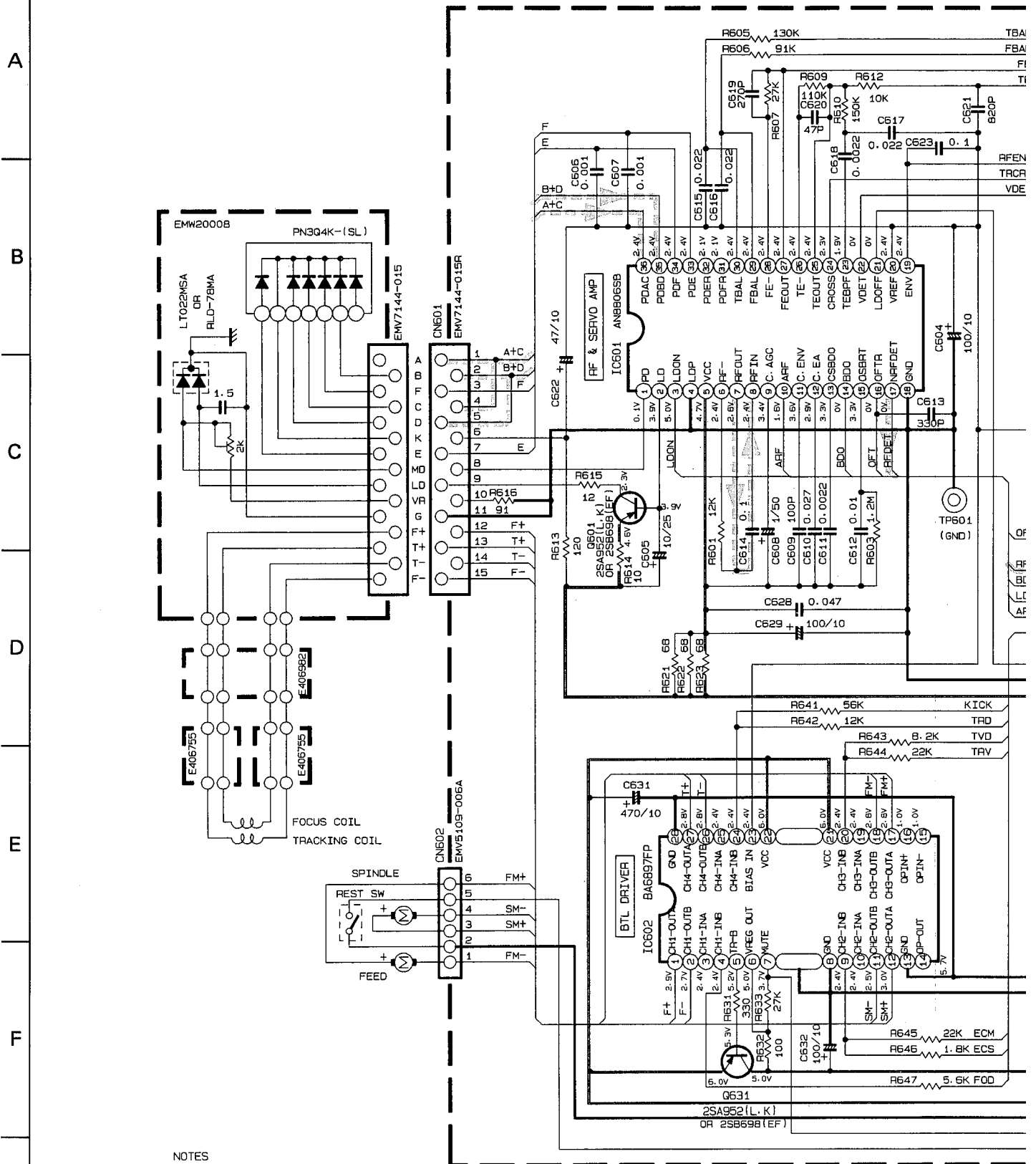


Note: VDH9316005AW(s/G)

Fig. 11-3

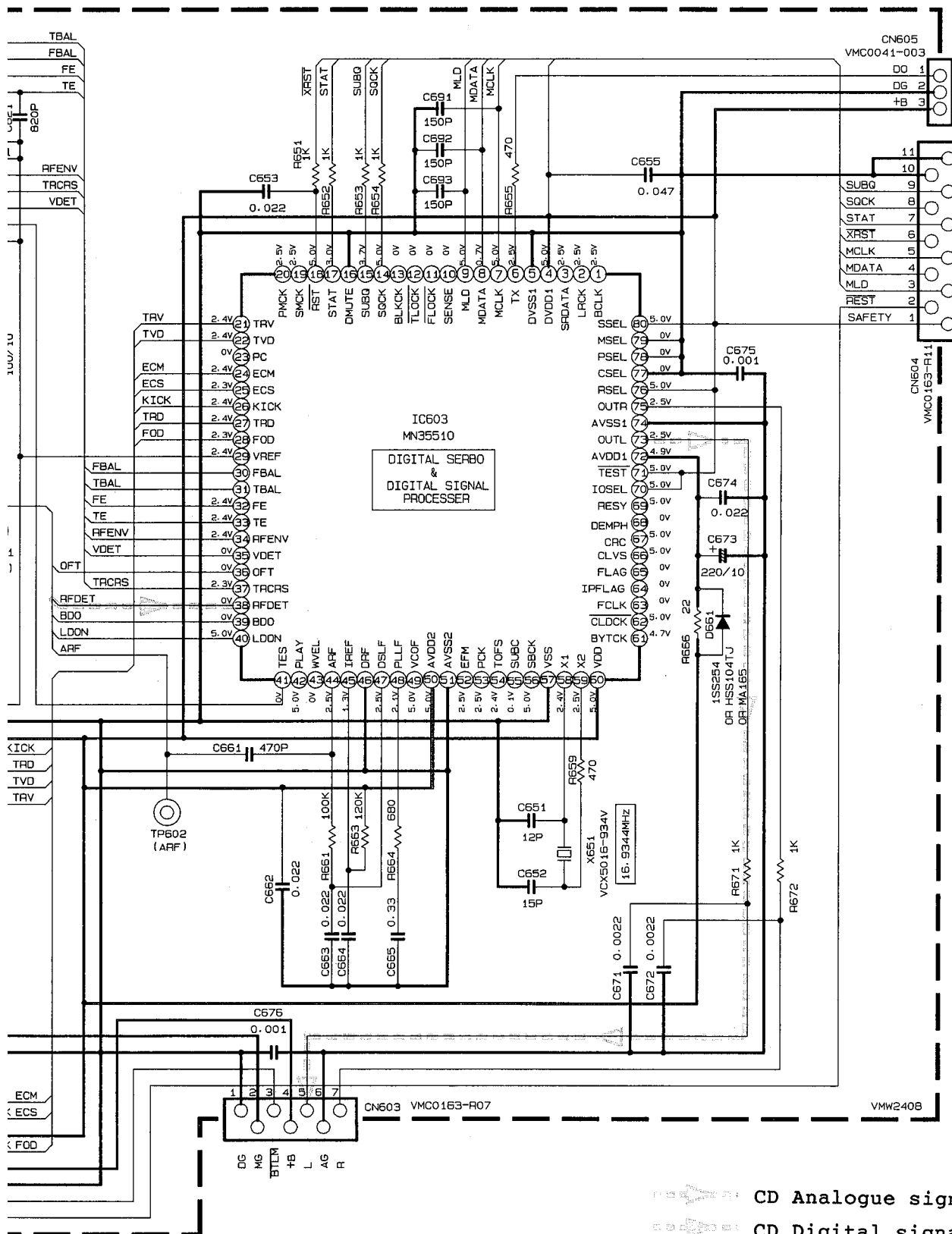


■ CD Servo Control Circuit: Drawing No. VDH1010-001CW



- NOTES
1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER
 2. UNLESS OTHERWISE SPECIFIED - RESISTORS ARE 1/5W $\pm 5\%$ CARBON RESISTOR.
ALL RESISTANCE VALUES ARE IN OHM(Ω).
ALL CAPACITORS ARE CERAMIC CAPACITOR OR MYLAR CAPACITOR.
ALL CAPACITANCE VALUES ARE IN μF (μF).
ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (μF)/RATED VOLTAGE (V).

Fig. 11-4



A
—
B
—
C
—
D
—
E
—
F



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

Note : VDH1038001TW(/s/G)

6

7

8

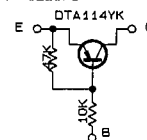
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10

NOTES

1. VOLTAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER.
2. ALL RESISTORS ARE 1/8W±5% METAL GLAZE RESISTOR.
3. ALL RESISTANCE VALUES ARE IN OHM(Ω).
4. ALL CAPACITANCE VALUES ARE IN P(F)=pF).
5. ALL E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE (P F)/RATED VOLTAGE (V).
6. SI. DIODES(▶) ARE ALL 1SS254T THAT CAN BE CHANGED TO SIMILAR DIODE SUCH AS MA165 OR HSS104J.
7. PARTS NO. OF TRANSISTORS ARE AS FOLLOWS.
Q1 2SC2668(D) Q3. 4 KTC3199(GL)-T
Q2. 6 DTA114YKA-X Q7. 8 2SA1037K(R)T146

8. INSIDE OF DIGITAL TRANSISTORS ARE SHOWN AS FOLLOWS.



9. LAST NO.

R75

C94

C94

C94

C94

C94

C94

C94

C94

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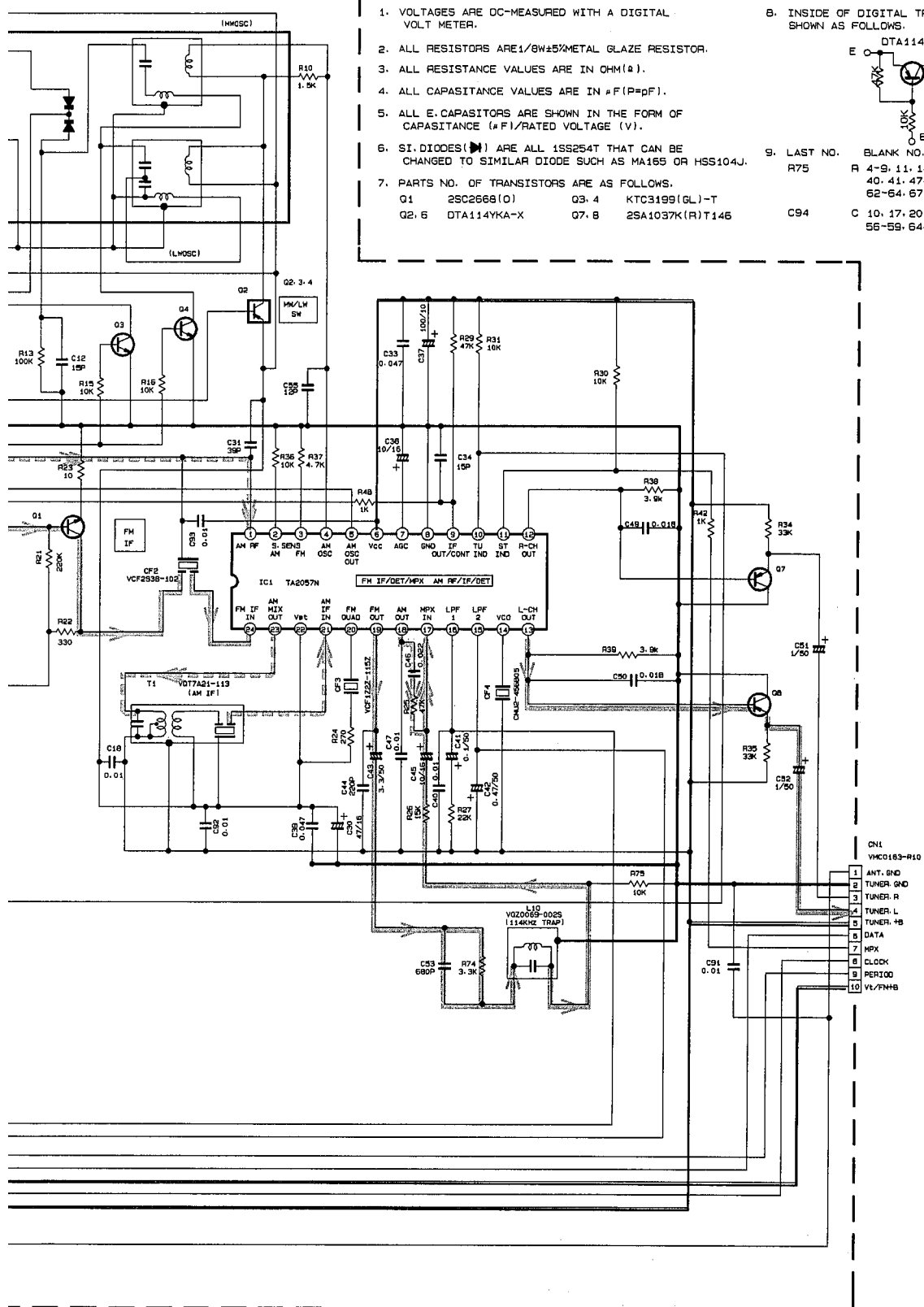
C94

C94

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C94



Tr. NO.	Q1			Q6			Q7			Q8		
PIN NO.	E	C	B	E	C	B	E	C	B	E	C	B
FM 87.5MHz NO SIGNAL	0	7.5	0.7	0	0	0	1.6	0	1.1	1.6	0	1.1
AM 522KHz NO SIGNAL	0	0	0	0	0	0	1.6	0	1.1	1.6	0	1.1

Tr. NO.	Q2			Q3			Q4		
PIN NO.	E	C	B	E	C	B	E	C	B
AM 522KHz NO SIGNAL	2.0	2.0	0.1	0	0	0.7	0	0	0.7
AM 144KHz NO SIGNAL	2.0	2.0	2.0	0	0	0.1	0	0	0.1

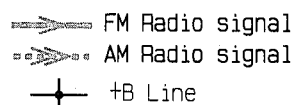


Fig. 11-5